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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC20
; CURRENT APPLICATION NUMBER: US/10/012,121A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO: 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1157
US-10-006-116A-105/c
; Sequence 105, Application US/10006116A
; Publication No. US20030082626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC15
; CURRENT APPLICATION NUMBER: US/10/006,116A
; CURRENT FILING DATE: 2001-12-16
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
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; PRIOR FILING DATE: 1998-09-01
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; PRIOR APPLICATION NUMBER: 60/099602
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; PRIOR FILING DATE: 1998-09-09
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/ PRIOR APPLICATION NUMBER: 60/105266
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/ PRIOR FILING DATE: 1998-10-26
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/ PRIOR APPLICATION NUMBER: 60/106023
/ PRIOR FILING DATE: 1998-10-28

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2

RESULT 1158
US-10-006-117A-105/c
; Sequence 105, Application US/10006117A
; Publication No. US2003082627A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC13
; CURRENT APPLICATION NUMBER: US/10/006,117A
; CURRENT FILING DATE: 2002-03-19
; Prior Application removed - See file wrapper or Palm
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2

RESULT 1159
US-10-017-527A-105/c
; Sequence 105, Application US/10017527A
; Publication No. US2003082628A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth U.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
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PRIOR FILING DATE: 1998-10-06

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; PRIOR FILING DATE: 1998-10-28

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1160
US-10-013-913A-105/c
; Sequence 105, Application US/10013913A
; Publication No. US20030083462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC40
; CURRENT APPLICATION NUMBER: US/10/013,913A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Paim
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-913A-105
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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
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RESULT 1161
US-10-007-194A-105/c
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; Publication No. US20030092061A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC6
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
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; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1162
US-10-013-430A-105/c
; Sequence 105, Application US/10013430A
; Publication No. US20030092883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C31
; CURRENT APPLICATION NUMBER: US/10/013, 430A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1163
US-10-011-671A-105/c
; Sequence 105, Application US/10011671A
; Publication No. US20030096954A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
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; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C27
; CURRENT APPLICATION NUMBER: US/10/011, 671A
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
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; PRIOR APPLICATION NUMBER: 60/099598
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; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
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; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
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;; PRIOR APPLICATION NUMBER: 60/100684
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100710
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100711
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100849
;; PRIOR FILING DATE: 1998-09-18
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;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100930
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;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101068
;; PRIOR FILING DATE: 1998-09-18
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;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101279
;; PRIOR FILING DATE: 1998-09-22
;; PRIOR APPLICATION NUMBER: 60/101471
;; PRIOR FILING DATE: 1998-09-23
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;; PRIOR FILING DATE: 1998-09-23
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;; PRIOR APPLICATION NUMBER: 60/101479
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;; PRIOR APPLICATION NUMBER: 60/101916
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/102207
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102240
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
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;; PRIOR FILING DATE: 1998-09-29
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;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102487
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;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314

;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103328
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103395
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103396
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
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;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103679
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103711
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/104257
;; PRIOR FILING DATE: 1998-10-14
;; PRIOR APPLICATION NUMBER: 60/104987
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105000
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105002
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105104
;; PRIOR FILING DATE: 1998-10-21
;; PRIOR APPLICATION NUMBER: 60/105169
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105266
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105693
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105694
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105881
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.2% Score 15.8; DB 1; Length 21;
Beet Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431
DB 20 CAGCAGCAACAGCAGCAGC 2

RESULT 1164
US-10-012-755A-105/C
; Sequence 105, Application US/10012755A
; Publication No. US2003009655A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

```

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/012,755A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-012-755A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGC 2
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RESULT 1165
; US-10-015-386A-105/c
; Sequence 105, Application US/10015386A
; Publication No. US2003009625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-015-386A-105
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGC 2
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RESULT 1166
; US-10-011-692A-105/c
; Sequence 105, Application US/10011692A
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; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-011-692A-105
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```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGC 2
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```

RESULT 1167
; US-10-005-956-743
; Sequence 743, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 743
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-005-956-743
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      1321 GCTCCAGACAGCAGCAGG 1339
Db      2 GATCCAGACAGCAGCAGG 20
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```
RESULT 1168
US-10-005-956-744
; Sequence 744, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-744

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1169
US-10-005-956-749
; Sequence 749, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-749

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1170
US-10-005-956-750
; Sequence 750, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
```

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; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 750
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-750

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1171
US-10-006-768A-105/c
; Sequence 105, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-105

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGACAGCAGCAGC 7431
DB      20 CAGCAGCAGACAGCAGCAGC 2

RESULT 1172
US-10-017-610A-105/c
; Sequence 105, Application US/10017610A
; Publication No. US20030113795A1
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; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

```

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Query Match          0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

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RESULT 1173
US-10-006-063A-105/c
; Sequence 105, Application US/10006063A
; Publication No. US20030114652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman

```

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-105

```

```

Query Match          0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

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RESULT 1174
US-10-020-063A-105/c
; Sequence 105, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596

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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1175
US-10-015-391A-105/c
; Sequence 105, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C59
; CURRENT APPLICATION NUMBER: US/10/015,391A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1176
US-10-239-316-57
; Sequence 57, Application US/10239316
; Publication No. US20030125253A1
; GENERAL INFORMATION:
; APPLICANT: TANITAMA, Yoshio
; APPLICANT: KITA, Shunbun
; APPLICANT: SATOMI, Tomoko Komiyama

; TITLE OF INVENTION: No. US20030125253A1e1 Protein, Process for Producing The Same And
; FILE REFERENCE: 2703USOP
; CURRENT APPLICATION NUMBER: US/10/239,316
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: PCT/JP01/02279
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: JP2000-088595
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 59
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-239-316-57

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3821 ATGACAGGCCCCCTGGCCTT 3839
Db      2 ATGACATGCTCTGGCCTT 20

RESULT 1177
US-10-017-407A-105/c
; Sequence 105, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1178
US-10-011-833A-105/c
; Sequence 105, Application US/10011833A
; Publication No. US20030129650A1
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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1179
US-10-006-041A-105/c
; Sequence 105, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-105
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```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1180
US-10-015-822A-105/c
; Sequence 105, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1181
US-10-015-387A-105/c
; Sequence 105, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-105
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FILE REFERENCE: P2830P1C54
CURRENT APPLICATION NUMBER: US/10/015.387A
CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 105
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      7413 CAGCAGCAGCAGCAGCAGC 7431
      ||| ||| ||| ||| ||| ||| |||
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1182
US-10-006-130A-105/c
; Sequence 105, Application US/10006130A
; Publication No. US20030148375A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C7
; CURRENT APPLICATION NUMBER: US/10/006.130A
; CURRENT FILING DATE: 2002-03-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      7413 CAGCAGCAGCAGCAGCAGC 7431
      ||| ||| ||| ||| ||| ||| |||
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1183
US-10-006-172A-105/c
; Sequence 105, Application US/10006172A
; Publication No. US20030153000A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```

1. APPLICANT: Eaton, Dan L.
2. APPLICANT: Ferrara, Napoleone
3. APPLICANT: Fong, Sherman
4. APPLICANT: Gao, Wei-Qiang
5. APPLICANT: Goddard, Audrey
6. APPLICANT: Godowski, Paul J.
7. APPLICANT: Grimaldi, Christopher J.
8. APPLICANT: Gurney, Austin L.
9. APPLICANT: Hillan, Kenneth J.
10. APPLICANT: Pan, James
11. APPLICANT: Paoni, Nicholas F.
12. TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
13. TITLE OF INVENTION: Acids Encoding the Same
14. FILE REFERENCE: P2830P1C1
15. CURRENT APPLICATION NUMBER: US/10/006,172A
16. PRIOR FILING DATE: 2002-03-19
17. PRIOR APPLICATION NUMBER: 60/098716
18. PRIOR FILING DATE: 1998-09-01
19. PRIOR APPLICATION NUMBER: 60/098723
20. PRIOR FILING DATE: 1998-09-01
21. PRIOR APPLICATION NUMBER: 60/098749
22. PRIOR FILING DATE: 1998-09-01
23. PRIOR APPLICATION NUMBER: 60/098750
24. PRIOR FILING DATE: 1998-09-01
25. PRIOR APPLICATION NUMBER: 60/098803
26. PRIOR FILING DATE: 1998-09-02
27. PRIOR APPLICATION NUMBER: 60/098821
28. PRIOR FILING DATE: 1998-09-02
29. PRIOR APPLICATION NUMBER: 60/098843
30. PRIOR FILING DATE: 1998-09-02
31. PRIOR APPLICATION NUMBER: 60/099536
32. PRIOR FILING DATE: 1998-09-09
33. PRIOR APPLICATION NUMBER: 60/099566
34. PRIOR FILING DATE: 1998-09-09
35. PRIOR APPLICATION NUMBER: 60/099598
36. PRIOR FILING DATE: 1998-09-09
37. PRIOR APPLICATION NUMBER: 60/099602
38. PRIOR FILING DATE: 1998-09-09
39. PRIOR APPLICATION NUMBER: 60/099642
40. PRIOR FILING DATE: 1998-09-09
41. PRIOR APPLICATION NUMBER: 60/099741
42. PRIOR FILING DATE: 1998-09-10
43. PRIOR APPLICATION NUMBER: 60/099754
44. PRIOR FILING DATE: 1998-09-10
45. PRIOR APPLICATION NUMBER: 60/099763
46. PRIOR FILING DATE: 1998-09-10
47. PRIOR APPLICATION NUMBER: 60/099792
48. PRIOR FILING DATE: 1998-09-10
49. PRIOR APPLICATION NUMBER: 60/099808
50. PRIOR FILING DATE: 1998-09-10
51. PRIOR APPLICATION NUMBER: 60/099812
52. PRIOR FILING DATE: 1998-09-10
53. PRIOR APPLICATION NUMBER: 60/099815
54. PRIOR FILING DATE: 1998-09-10
55. PRIOR APPLICATION NUMBER: 60/099816
56. PRIOR FILING DATE: 1998-09-10
57. PRIOR APPLICATION NUMBER: 60/100385
58. PRIOR FILING DATE: 1998-09-15
59. PRIOR APPLICATION NUMBER: 60/100388
60. PRIOR FILING DATE: 1998-09-15
61. PRIOR APPLICATION NUMBER: 60/100390
62. PRIOR FILING DATE: 1998-09-15
63. PRIOR APPLICATION NUMBER: 60/100584
64. PRIOR FILING DATE: 1998-09-16
65. PRIOR APPLICATION NUMBER: 60/100627
66. PRIOR FILING DATE: 1998-09-16
67. PRIOR APPLICATION NUMBER: 60/100661
68. PRIOR FILING DATE: 1998-09-16
69. PRIOR APPLICATION NUMBER: 60/100662
70. PRIOR FILING DATE: 1998-09-16
71. PRIOR APPLICATION NUMBER: 60/100664
72. PRIOR FILING DATE: 1998-09-16
73. PRIOR APPLICATION NUMBER: 60/100663

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; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
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; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
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; PRIOR APPLICATION NUMBER: 60/101014
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; PRIOR FILING DATE: 1998-09-18
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; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
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; PRIOR APPLICATION NUMBER: 60/101474
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; PRIOR APPLICATION NUMBER: 60/101475
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; PRIOR FILING DATE: 1998-09-29
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; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102484
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
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; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
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; PRIOR APPLICATION NUMBER: 60/103711
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; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
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; PRIOR FILING DATE: 1998-10-22
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; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match          0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%  Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1184
US-10-017-253A-105/C
; Sequence 105, Application US/10017253A
; Publication No. US20030166055A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deemeyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```

```

; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
;
US-10-017-253A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1185
US-10-015-392A-105/C
; Sequence 105, Application US/10015392A
; Publication No. US20030166901A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C58
; CURRENT APPLICATION NUMBER: US/10/015,392A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
;
US-10-015-392A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1186
US-10-017-306A-105/C
; Sequence 105, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
;
US-10-017-306A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
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Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGC 7431
DB 20 CAGGAGCAACAGCAGCAGC 2

RESULT 1187
US-10-017-867A-105/c
Sequence 105, Application US/10017867A
Publication No. US20030180792A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C60
CURRENT APPLICATION NUMBER: US/10/017,867A
PRIOR FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385

PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
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PRIOR APPLICATION NUMBER: 60/101477
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PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29


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/ TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
/ FILE REFERENCE: 10182-005-999
/ CURRENT APPLICATION NUMBER: US/10/032,565
/ CURRENT FILING DATE: 2001-12-20
/ NUMBER OF SEQ ID NOS: 8000
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4607
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Candida albicans
US-10-032-585-4607

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Beet Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0

OY      3164 CTGCTTAGCTTGGCTTG 3182
      ||||| ||||| |||||
DB      21 CTGCTTGGCTTGAGTTTG 3

RESULT 1190
US-10-013-909A-105/c
/ Sequence 105, Application US/10013909A
/ Publication No. US20030186318A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2830PLC35
/ CURRENT APPLICATION NUMBER: US/10/013,909A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 105
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-909A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Beet Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0

OY      7413 CAGCAGCAGCAGCAGCAGC 7431
      ||||| ||||| |||||
DB      20 CAGCAGCAACAGCAGCAGC 2

RESULT 1191
US-10-015-671A-105/c
/ Sequence 105, Application US/10015671A
/ Publication No. US20030186319A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.

```

```

; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015.671A
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0.

Cy      7413 CAGCAGCAGCAGCAGCAGC 7431
        ||| |||| | |||| |||
Db      20 CAGAGCAACAGCAGCAGC 2

RESULT 1192
US-10-015-610A-105/C
; Sequence 105, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015.610A
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536

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Query Match	0.2%;	Score 15.8;	DB 1;	Length 21;
Best Local Similarity	89.5%;	Pred. No. 1e+03;		

;; PRIOR APPLICATION NUMBER: 60/101014
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101068
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101071
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101279
;; PRIOR FILING DATE: 1998-09-22
;; PRIOR APPLICATION NUMBER: 60/101471
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101472
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101474
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101475
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101476
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101477
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101479
;; PRIOR FILING DATE: 1998-09-23
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;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101741
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;; PRIOR APPLICATION NUMBER: 60/101743
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101915
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101916
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/102207
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102240
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102331
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102484
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102487
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102570
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103328
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103395
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103396
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103449
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103633

;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103678
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;; PRIOR FILING DATE: 1998-10-08
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;; PRIOR APPLICATION NUMBER: 60/104257
;; PRIOR FILING DATE: 1998-10-14
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;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105104
;; PRIOR FILING DATE: 1998-10-21
;; PRIOR APPLICATION NUMBER: 60/105169
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105266
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105693
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105694
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105881
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarly 89.5%; Pred. No. 1e+03; Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 7413 CAGCAGCAGCAGCAGCAGC 7431
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1198
US-10-013-912A-105/c
; Sequence 105, Application US/10013912A
; Publication No. US20030187194A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C32
; CURRENT APPLICATION NUMBER: US/10/013,912A
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01

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US-10-015-480A-105/C
; Sequence 105, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C50
; CURRENT APPLICATION NUMBER: US/10/015,480A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105

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; PRIOR FILING DATE: 1998-09-09


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; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1205
US-10-015-388A-105/c
; Sequence 105, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C44
; CURRENT APPLICATION NUMBER: US/10/015.388A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1206
US-10-012-753A-105/c
; Sequence 105, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C17
; CURRENT APPLICATION NUMBER: US/10/012.753A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1207
US-10-015-385A-105/c
; Sequence 105, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015.385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```



```

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-105
```

```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

```

RESULT 1212
US-10-015-394A-105/c
; Sequence 105, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C41
; CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
```

```

; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-105
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```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

```

RESULT 1213
US-10-015-390A-105/c
; Sequence 105, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-105
```

```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

```

RESULT 1214
US-10-006-746A-105/c
; Sequence 105, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
```


APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C5
CURRENT APPLICATION NUMBER: US/10/006,746A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314

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; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match      0.2%: Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2

RESULT 1215
US-10-349-143-7625
; Sequence 7625, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT FILING DATE: 2003-01-21
; PRIOR FILING DATE: 1999-04-22, 978
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
```

```
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7625
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-9751 for SEQ 3691,
US-10-349-143-7625

Query Match      0.2%: Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4741 CTGAGGAGAGAGAGGCTCA 4759
Db      2 CTGAGGAGAGAGAGGCTCA 20

RESULT 1216
US-10-349-143-9563
; Sequence 9563, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT FILING DATE: 2003-01-21
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: 2003-01-21
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-11-23
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9563
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-5712 for SEQ 1698, in complement
US-10-349-143-9563

Query Match      0.2%: Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3637 GAGGAGGTAGATGGGAG 3655
Db      1 GAGGAGGTAGAGAGAGAG 19

RESULT 1217
US-10-349-143-10315
; Sequence 10315, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11089 for SEQ 2450, in complement
US-10-349-143-10315
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1630 CCGAAGATTTCACAGCATG 1648
          |||||
          1 CCGAAGATTTCACAGCATG 19
```

Db

```
RESULT 1218
US-10-011-795A-105/c
; Sequence 105, Application US/10011795A
; Publication No. US20040005626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
          |||||
          20 CAGCAGCAGCAGCAGCAGC 2
```

Db

```
RESULT 1219
US-10-012-231A-105/c
; Sequence 105, Application US/10012231A
; Publication No. US20040014130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C23
; CURRENT APPLICATION NUMBER: US/10/012,231A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-231A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
          |||||
          20 CAGCAGCAGCAGCAGCAGC 2
```

Db

```
RESULT 1220
US-10-647-566-6/c
; Sequence 6, Application US/10647566
; Publication No. US2004008190A1
; GENERAL INFORMATION:
; APPLICANT: LIVESQUE, Roger C.
; APPLICANT: SANSCHAGRIN, Francois
; APPLICANT: CARDINAL, Guy
; TITLE OF INVENTION: METHOD FOR THE IDENTIFICATION OF ESSENTIAL GENES AND
; TITLE OF INVENTION: THERAPEUTIC TARGETS
; FILE REFERENCE: 9555.96USMO
; CURRENT APPLICATION NUMBER: US/10/647,566
; CURRENT FILING DATE: 2003-08-25
; PRIOR APPLICATION NUMBER: US/09/508,891
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: CA 2,215,870
; PRIOR FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-10-647-566-6
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
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Best Local Similarity 89.5%; Pred. No. 1e+03; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 GCAGCAGTGTTCAGCA 282
DB 19 GCAGCAGTGTTCAGCA 1

RESULT 1221

US-10-470-700A-36/C
Sequence 36, Application US/10470700A
Publication No. US20040152873A1
GENERAL INFORMATION:
APPLICANT: Biomedics Limited
APPLICANT: Callen, David F
APPLICANT: Powell, Jason
APPLICANT: Kremmidoletis, Gabriel
APPLICANT: Gardner, Allison
APPLICANT: Crawford, Joanna
APPLICANT: Bais, Anthony
APPLICANT: Kochevkova, Marina
TITLE OF INVENTION: A Novel Gene BN01 Mapping to Chromosome 16Q24.3
FILE REFERENCE: 1386/14
CURRENT FILING DATE: 2003-07-29
PRIOR APPLICATION NUMBER: PCT/AU02/00096
PRIOR FILING DATE: 2002-01-31
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn version 3.2
SEQ ID NO 36
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-470-700A-36

Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3865 ATTCTCTCTACTCTCCGCC 3883
DB 21 ACTCTCTCTGCTCCGCC 3

RESULT 1222

US-08-731-499-35
Sequence 35, Application US/08731499
Publication No. US20030148270A1
GENERAL INFORMATION:
APPLICANT: GRAY, Joe W.
APPLICANT: COLLINS, Colin
APPLICANT: HWANG, Soo-In
APPLICANT: GODFREY, Tony
APPLICANT: KOMBEL, David
APPLICANT: ROMMENS, Johanna
TITLE OF INVENTION: GENES FROM THE 20q13 AMPLICON AND THEIR
TITLE OF INVENTION: USES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/731,499
FILING DATE: 16-OCT-1996

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/680,395
FILING DATE: 15-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 23070-068910
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-731-499-35

Query Match 0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTTG 6042
DB 4 CAAACCTGTCCACTCTTG 22

RESULT 1223

US-09-935-247-9
Sequence 9, Application US/09935247
Patent No. US20020103153A1
GENERAL INFORMATION:
APPLICANT: Re, Richard N.
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
P53 PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/935,247
FILING DATE: 22-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/266,065
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: DiGirollo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 85152X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-935-247-9

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6073 TCTGCTCTTTTCTCTTT 6091
DB      3 TCTCTCTTTTCTCTTT 21

RESULT 1224
US-10-092-900A-742
; Sequence 742, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Murajidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Uj, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patcurajan, Meera
; APPLICANT: Gangoli, Esha A.
; APPLICANT: Verneil, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyaneker, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderma, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: NO. US20040043382A1e1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; PRIOR FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,332
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 742
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-092-900A-742

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3597 CCTTTGTACTTCTTTG 3615
DB      2 CCTTTGTACTTCTTCAATG 20

RESULT 1225
US-10-361-208-302/c
; Sequence 302, Application US/10361208
; Publication No. US20040009167A1
; GENERAL INFORMATION:
; APPLICANT: Rider, Todd H.
; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS
; FILE REFERENCE: 0050.2041-003
; CURRENT APPLICATION NUMBER: US/10/361,208
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/355,359
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/355,022
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/432,386
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-361-208-302

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1773 GCCAGGGAAGCGCGGTG 1791
DB      19 GCCAGGTTTGACGCCGCGTG 1

RESULT 1226
US-10-361-208-344/c
; Sequence 344, Application US/10361208
; Publication No. US20040009167A1
; GENERAL INFORMATION:
; APPLICANT: Rider, Todd H.
; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS
; FILE REFERENCE: 0050.2041-003
; CURRENT APPLICATION NUMBER: US/10/361,208
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/355,359
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/355,022
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/432,386
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 344

```

LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-361-208-344

Query Match 0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1773 GCCAGGAGAGCGCCGGTG 1791
Db 19 GCCAGGAGGTTGACGCCGGTG 1

RESULT 1227
US-10-032-585-5105
Sequence 5105, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:

APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jlang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5105
LENGTH: 23
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5105

Query Match 0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5419 AAAAAGCAAGAAATCAGC 5437
Db 5 AACAGCAAGACAATCAGC 23

RESULT 1228

US-10-291-986-1/c
Sequence 1, Application US/10291986
Publication No. US20030215825A1
GENERAL INFORMATION:
APPLICANT: SUN-WING, TONG
TITLE OF INVENTION: IMPROVED METHOD OF DETECTING MOLECULAR TARGET BY
FILE REFERENCE: 5321-3
CURRENT APPLICATION NUMBER: US/10/291,986
CURRENT FILING DATE: 2002-11-12
PRIOR APPLICATION NUMBER: AU PS1597
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-291-986-1

Query Match 0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGC 7431
Db 23 CAGCAGCAGCAACAGCCG 5

RESULT 1229
US-10-627-253A-36/c
Sequence 36, Application US/10627253A
Publication No. US20040161768A1
GENERAL INFORMATION:

APPLICANT: BRINKMANN, ULRICH
APPLICANT: HOFMEYER, SVEN
APPLICANT: MORHNING, ESTHER
TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
FILE REFERENCE: VOS-42 CON
CURRENT APPLICATION NUMBER: US/10/627,253A
CURRENT FILING DATE: 2003-07-24
PRIOR APPLICATION NUMBER: PCT/EP02/00796
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: EP 01101651.6
PRIOR FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 406
SOFTWARE: PatentIn version 3.2
SEQ ID NO 36
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-627-253A-36

Query Match 0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7293 TTGCATTGTTCCCTTG 7311
Db 22 TTGCATTCTTCCCTTG 4

RESULT 1230
US-09-864-866-48/c
Sequence 48, Application US/09864866
Patent No. US20020127656A1
GENERAL INFORMATION:

APPLICANT: Lloyd, R. Stephen
APPLICANT: McCullough, Amanda K.
APPLICANT: Nguyen, Khoa
TITLE OF INVENTION: DNA REPAIR POLYPEPTIDES AND METHODS OF USE
FILE REFERENCE: 265.00170101
CURRENT APPLICATION NUMBER: US/09/864,866
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/206,279
PRIOR FILING DATE: 2000-05-23
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn version 3.0
SEQ ID NO 48
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Nucleotides encoding a nuclear localization sequence
US-09-864-866-48

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5704 CTTGCTTTCTCTCTCT 5722
| | | | | | | | | | | | | | | | | | | | | |

Db 21 CCTCCTTTCTCTCTT 3

RESULT 1231

US-09-906-514-9

Sequence 9, Application US/0906514

Patent No. US20020170085A1

GENERAL INFORMATION:

APPLICANT: Kaeppler, Shawn

APPLICANT: Springer, Nathan

APPLICANT: Phillips, Ronald

TITLE OF INVENTION: Methyl Cpg Binding Domain Nucleic Acids from Maize

FILE REFERENCE: Methy1inding

CURRENT APPLICATION NUMBER: US/09/906,514

PRIOR FILING DATE: 2001-07-16

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 9

LENGTH: 24

TYPE: DNA

ORGANISM: Zea mays

US-09-906-514-9

Query Match

Best Local Similarity 0.2%; Score 15.8; DB 1; Length 24;

Best Local Similarity 89.5%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4685 CTGATCTGTGATGAGCC 4703

Db 6 CTGATGTGAGATGAGGCC 24

RESULT 1232

US-09-776-479-945

Sequence 945, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouton, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 945

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-09-776-479-945

Query Match

Best Local Similarity 0.2%; Score 15.8; DB 1; Length 24;

Best Local Similarity 89.5%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTGTGTGTG 4484

Db 5 TTTTGTGTGTGTGTG 23

RESULT 1233

US-09-776-479-945

Sequence 945, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouton, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 945

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-09-776-479-945

Query Match

Best Local Similarity 0.2%; Score 15.8; DB 1; Length 24;

Best Local Similarity 89.5%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTGTGTGTG 4484

Db 5 TTTTGTGTGTGTGTG 23

RESULT 1234

US-10-380-533-50/c

Sequence 50, Application US/10380533

Publication No. US20040072186A1

GENERAL INFORMATION:

APPLICANT: University College Cardiff Consultants Ltd

TITLE OF INVENTION: Transglutaminase Gene Products

FILE REFERENCE: P504074PCT

CURRENT APPLICATION NUMBER: US/10/380,533

PRIOR FILING DATE: 2003-09-30

PRIOR APPLICATION NUMBER: GB0111995.7

PRIOR FILING DATE: 2001-05-16

PRIOR APPLICATION NUMBER: GB0022768.6

PRIOR FILING DATE: 2000-09-15

NUMBER OF SEQ ID NOS: 144

SOFTWARE: PatentIn version 3.1

SEQ ID NO 50

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

US-10-380-533-50

Query Match

Best Local Similarity 0.2%; Score 15.8; DB 1; Length 24;

Best Local Similarity 89.5%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 957 CACGACTCTGAGCGCTT 975

Db 24 CATGACTCTCAGCCCTT 6

RESULT 1235

US-10-380-533-57/c

Sequence 57, Application US/10380533

Publication No. US20040072186A1

GENERAL INFORMATION:

APPLICANT: University College Cardiff Consultants Ltd

TITLE OF INVENTION: Transglutaminase Gene Products

FILE REFERENCE: P504074PCT

CURRENT APPLICATION NUMBER: US/10/380,533

PRIOR FILING DATE: 2003-09-30

PRIOR APPLICATION NUMBER: GB0111995.7

PRIOR FILING DATE: 2001-05-16

PRIOR APPLICATION NUMBER: GB0022768.6

PRIOR FILING DATE: 2000-09-15

NUMBER OF SEQ ID NOS: 144

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-380-533-57

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 CACGAGCTCTCAGCGCGCTT 975
Db      24 CATGAGCTCTCAGCGCGCTT 6

RESULT 1236
US-10-314-578-945
; Sequence 945, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 945
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-945

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4466 TTTTGTGTGTGTGTGTGTG 4484
Db      5 TTTTGTGTGTGTGTGTGTG 23

RESULT 1237
US-10-325-810-472/c
; Sequence 472, Application US/10325810
; Publication No. US20030204069A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
```

```

; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/325,810
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181
; FILING DATE: 29-Sep-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 472:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..24
; OTHER INFORMATION: /note= "slanti.2 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 472:
US-10-325-810-472

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      231 GCGAGAGCTGCGGCGCT 249
Db      24 GCGTGCAGCTGCGGAGCT 6

RESULT 1238
US-10-112-653-913
; Sequence 913, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
```



```

; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-913

Query Match          0.2%  Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4466 TTTTGTGTTTGTGTTTGTG 4484
          ||||| ||||| ||||| |||||
          5 TTTTGTGTTTGTGTTTGTG 23

Db

RESULT 1239
US-10-017-995-945
; Sequence 945, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 945
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-945:

Query Match          0.2%  Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4466 TTTTGTGTTTGTGTTTGTG 4484
          ||||| ||||| ||||| |||||
          5 TTTTGTGTTTGTGTTTGTG 23

Db

RESULT 1240
US-10-158-160A-23/C
; Sequence 23, Application US/10158160A
; Publication No. US20030059805A1
; GENERAL INFORMATION:
; APPLICANT: RAPOLD-HOERBRAND, GUDRUN
; APPLICANT: RAO, ERCOLE
; TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION
; FILE REFERENCE: 108351-00004
; CURRENT APPLICATION NUMBER: US/10/158,160A
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 09/147,699
; PRIOR FILING DATE: 1999-06-24
; PRIOR APPLICATION NUMBER: PCT/EP97/05355
; PRIOR FILING DATE: 1997-09-29
; PRIOR APPLICATION NUMBER: 60/027,633
; PRIOR FILING DATE: 1996-10-01
; PRIOR APPLICATION NUMBER: EP/97100583.0
; PRIOR FILING DATE: 1997-01-16
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.1
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```

; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-158-160A-23

Query Match          0.2%  Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5271 CATAGGAGCAGGTGTGAG 5289
          ||||| ||||| ||||| |||||
          Db      24 CAAGGAGCAGGTGTGAG 6

Db

RESULT 1241
US-10-044-692-239/C
; Sequence 239, Application US/10044692
; Publication No. US20030096344A1
; GENERAL INFORMATION:
; APPLICANT: Cecch, Thomas R.
; APPLICANT: Langner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 239:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 239:
US-10-044-692-239

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 231 GGGAGCAGCTCGGGCGCT 249
DB 24 GGGTGCAGCTCGGGAGCT 6

RESULT 1242
US-10-044-539-239/c
Sequence 239, Application US/10044539
Publication No. US20030100093A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Linsner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 239:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 239:
US-10-044-539-239

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 231 GGGAGCAGCTCGGGCGCT 249
DB 24 GGGTGCAGCTCGGGAGCT 6

RESULT 1243
US-10-240-376A-126/c
Sequence 126, Application US/10240376A
Publication No. US20040161747A1
GENERAL INFORMATION:
APPLICANT: Morahan, Grant
TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE
DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40
FILE REFERENCE: DAV1186.001APC
CURRENT APPLICATION NUMBER: US/10/240,376A
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/AU01/00340
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: PQ 6466
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/204,366
PRIOR FILING DATE: 2000-05-15
NUMBER OF SEQ ID NOS: 140
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 126
LENGTH: 24
TYPE: DNA
ORGANISM: mammalian
US-10-240-376A-126

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5316 TTCTCTCTTTCTCTCTT 5334
DB 19 TTCTACCTTTCTCTCTT 1

RESULT 1244
US-09-888-326-842/c
Sequence 842, Application US/09888326
Publication No. US2003026801A1
GENERAL INFORMATION:
APPLICANT: Weiner, George
Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 842
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-842

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4038
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1245
US-09-776-479-911/c
; Sequence 911, Application US/09776479
; Publication No. US20030087648A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4038
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1246
US-09-776-479-911/c
; Sequence 911, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-911

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4038

Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1247
US-10-314-578-911/c
; Sequence 911, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Scheller, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-911

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4038
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1248
US-10-112-653-880/c
; Sequence 880, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 880
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-880

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4038
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

```
RESULT 1249
US-10-017-995-911/C
; Sequence 911, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-911
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db      27 AAAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 1250
US-09-282-734-3
; Sequence 3, Application US/09282734A
; Publication No. US20020182597A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1251
US-09-876-235-8
; Sequence 8, Application US/09876235
; Publication No. US2003002236A1
; GENERAL INFORMATION:
; APPLICANT: Szostek, Jack W.
; APPLICANT: Roberts, Richard W.
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 1
; TITLE OF INVENTION: FUSIONS
```

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; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-8
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1252
US-10-348-627-3
; Sequence 3, Application US/10348627
; Publication No. US20030143616A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/10/348,627
; CURRENT FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US/09/282,734A
; PRIOR FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-10-348-627-3
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1253
US-10-057-783A-41
; Sequence 41, Application US/10057783A
; Publication No. US20040091955A1
; GENERAL INFORMATION:
; APPLICANT: Forsster, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
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; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC
US-10-057-783A-41

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 29;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 1254
US-09-997-931-6/c
; Sequence 6, Application US/09997931
; Publication No. US20030087241A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Kool, Eric
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
; FILE REFERENCE: 220,00010142
; CURRENT APPLICATION NUMBER: US/09/997,931
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/569,344
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 08/805,631
; PRIOR FILING DATE: 1997-02-26
; PRIOR APPLICATION NUMBER: US 08/393,439
; PRIOR FILING DATE: 1995-02-23
; PRIOR APPLICATION NUMBER: US 08/047,860
; PRIOR FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: multimer
US-09-997-931-6

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 29;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1255
US-10-217-914-4
; Sequence 4, Application US/10217914
; Publication No. US20030013160A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kujawa
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/10/217,914
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 09/648,040
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 11
```

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-10-217-914-4

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 1256
US-09-891-517-9/c
; Sequence 9, Application US/09891517
; Patent No. US2002010663A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 2103205-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAAA 4038
Db 30 AAAAAAAAAAAAAAAAAAGAAAAAAATATA 4

RESULT 1257
US-10-683-386-9/c
; Sequence 9, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
```

```

; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-9

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```

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 1.5e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

```

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Oy      4012 AAATGAGAAAAAGAGAGAAACAA 4038
      ||||| ||||| ||||| ||||| |||||
Db      30 AAAAAAAAAAGAAAAAAATATTA 4

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RESULT 1258
US-10-209-608-9/C
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGAWA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19993JUSOXDIV
; CURRENT APPLICATION NUMBER: US/10/209, 608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9

```

```

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 1.5e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

```

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Oy      4012 AAATGAGAAAAAGAGAGAAACAA 4038
      ||||| ||||| ||||| ||||| |||||

```

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Db      30 AAAAAAAAAAGAAAAAAATATTA 4

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RESULT 1259
US-10-194-138-15
; Sequence 15, Application US/10194138
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; APPLICANT: Garimella, Viswanadham
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe modified with gold nanoparticle
; NAME/KEY: misc_feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epiandroster
; OTHER INFORMATION: one disulfide-gold nanoparticle-epiandrosterone disulfide conjuga
US-10-194-138-15

```

```

Query Match          0.2%; Score 15.8; DB 1; Length 31;
Best Local Similarity 74.1%; Pred. No. 1.5e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

```

```

Oy      7102 AATAAGGAAAAATGAATTTCTTCT 7128
      ||||| ||||| ||||| ||||| |||||
Db      5 AAAAAAAAAAAAAAAAAATCTTGCT 31

```

```

RESULT 1260
US-10-447-073-4
; Sequence 4, Application US/10447073
; Publication No. US20040096856A1
; GENERAL INFORMATION:
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Bernal, Yasmath
; TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces
; FILE REFERENCE: 02-334-A
; CURRENT APPLICATION NUMBER: US/10/447, 073
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: US 60/383,564
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Probe FV (26D)
; NAME/KEY: misc_feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: n = eplendrosterone
US-10-447-073-4

```

```

Query Match          0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 1.6e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

```

Qy 7102 AATAAGAAAAAATGAAATTCTTCT 7128
Db 6 AAAAAAAAAAAAAAAAAATTCCTTGCT 32

RESULT 1261
US-10-611-629-3
; Sequence 3, Application US/10611629
; Publication No. US20040091905A1
; GENERAL INFORMATION:
; APPLICANT: GAO, BAOSHUAN
; TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A
; FILE REFERENCE: 27433/04012
; CURRENT APPLICATION NUMBER: US/10/611,629
; PRIOR FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,251
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-611-629-3

Query Match 0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 1.6e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAAACAA 4037
Db 3 TAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 1262
US-10-309-788-10/c
; Sequence 10, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target
; FILE REFERENCE: RBN-001CP
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of GADD45
US-10-309-788-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 1.6e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAA 4038
Db 29 AAGACCAAAAAAAAAAAAAAAAAA 3

RESULT 1263
US-10-238-306B-10/c
; Sequence 10, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001CN
; CURRENT APPLICATION NUMBER: US/10/238,306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of GADD45
US-10-238-306B-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 1.6e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAA 4038
Db 29 AAGACCAAAAAAAAAAAAAAAAAA 3

RESULT 1264
US-10-629-453-10/c
; Sequence 10, Application US/10629453
; Publication No. US20040096878A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001DV
; CURRENT APPLICATION NUMBER: US/10/629,453
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of GADD45
US-10-629-453-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 1.6e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAA 4038
Db 29 AAGACCAAAAAAAAAAAAAAAAAA 3

```
RESULT 1265
US-10-301-764-17
; Sequence 17, Application US/10301764
; Publication No. US20040039184A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuel
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,764
; FILING DATE: 20-No. US20040039184A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-301-764-17

Query Match      0.2%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4468 TTTT TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT TTTT NS 17

RESULT 1266
US-10-146-474-17
; Sequence 17, Application US/10146474
; Publication No. US20030023061A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuel
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
```

```
ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,474
; FILING DATE: 14-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-146-474-17

Query Match      0.2%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4468 TTTT TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT TTTT NS 17

RESULT 1267
US-09-780-752-17
; Sequence 17, Application US/09780752
; Patent No. US20020019349A1
; GENERAL INFORMATION:
; APPLICANT: Conrad, Kirk P.
; APPLICANT: Martyn Lewis
; APPLICANT: Elaine N. Unemori
; APPLICANT: Xinfan Huang
; APPLICANT: Carol A. Tozzi
; TITLE OF INVENTION: Use of Relaxin to Treat Diseases Related
; FILE REFERENCE: CONN-001
; CURRENT APPLICATION NUMBER: US/09/780,752
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,408
; PRIOR FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/200,284
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/242,216
; PRIOR FILING DATE: 2000-10-20
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-780-752-17

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2408 CCACAGTGACACCAACATCAC 2429
||||| ||| ||||| |||||
```


Db 1 CCACTGAGGAGTCCACATCAC 22

```
RESULT 1268
US-09-888-615-132/c
; Sequence 132, Application US/09886615
; Patent No. US20020064856A1
; GENERAL INFORMATION:
; APPLICANT: PLOMMAN, GREGORY
; APPLICANT: WHITE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARYDCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/09/888,615
; CURRENT FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 132
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SNP
US-09-888-615-132
```

Query Match
Best Local Similarity 93.8%; Score 15.6; DB 1; Length 22;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4209 CCAGGCTCCATCCTTC 4224
Db 22 CCAGGCTCCATCCTTC 7

```
RESULT 1269
US-09-998-936-1/c
; Sequence 1, Application US/09998936
; Patent No. US20020125214A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Park, So-Jung
; APPLICANT: Rongchao, Jin
; TITLE OF INVENTION: SILVER STAIN REMOVAL BY CHEMICAL ETCHING AND SONICATION
; FILE REFERENCE: 00-1124-A
; CURRENT APPLICATION NUMBER: US/09/998,936
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/251,715
; PRIOR FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-998-936-1
```

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTGTCTTGAGG 4492
Db 22 TTTTGTCTTGAGG 1

```
RESULT 1270
US-09-973-788A-46/c
; Sequence 43, Application US/09973788A
; Patent No. US20020127574A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-110
; CURRENT APPLICATION NUMBER: US/09/973,788A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-973-788A-43
```

Query Match
Best Local Similarity 81.8%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTGTCTTGAGG 4492
Db 22 TTTTGTCTTGAGG 1

```
RESULT 1271
US-09-973-788A-46/c
; Sequence 46, Application US/09973788A
; Patent No. US20020127574A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-110
; CURRENT APPLICATION NUMBER: US/09/973,788A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
```

;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/200,161
;; PRIOR FILING DATE: 2000-04-26
;; NUMBER OF SEQ ID NOS: 64
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 46
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-788A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT ACGAGT TGA GA 1

RESULT 1272
US-09-973-638A-43/c
; Sequence 43, Application US/09973638A
; Patent No. US20020137070A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-638A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT ACGAGT TGA GA 1

RESULT 1273
US-09-973-638A-46/c

; Sequence 46, Application US/09973638A
; Patent No. US20020137070A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-638A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT ACGAGT TGA GA 1

RESULT 1274
US-09-974-007-43/c
; Sequence 43, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161

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; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1275
US-09-974-007-46/c
; Sequence 46, Application US/09974007
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1276
US-09-976-617A-43/c
; Sequence 43, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; TYPE: DNA
; LENGTH: 22
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1277
US-09-976-617A-46/c
; Sequence 46, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
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; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-617A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservativity 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGAGA 4492
DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 1278
US-09-961-949A-43/C
; Sequence 43, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-43

Query Match
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservativity 0; Mismatches 4; Indels 0; Gaps 0;
```

```
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservativity 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGAGA 4492
DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 1280
US-09-263-959-614
; Sequence 614, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
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```
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      4471 TTTTTCCTGCTGAGA 4492
Db      22 TTTTTCCTGCTGAGA 1
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RESULT 1284
US-09-967-409A-46/c
; Sequence 46, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-46
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTTCCTGCTGAGA 4492
Db      22 TTTTTCCTGCTGAGA 1
```

```
RESULT 1285
US-09-975-062A-43/c
; Sequence 43, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
```

```
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-062A-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTTCCTGCTGAGA 4492
Db      22 TTTTTCCTGCTGAGA 1
```

```
RESULT 1286
US-09-975-062A-46/c
; Sequence 46, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
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/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-975-062A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
Db      22 TTTTGTCTTGTGAGA 1

RESULT 1287
US-09-976-378A-43/c
/ Sequence 43, Application US/09976378A
/ Patent No. US20020155461A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-125
/ CURRENT APPLICATION NUMBER: US/09/976,378A
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-378A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
Db      22 TTTTGTCTTGTGAGA 1

RESULT 1288
US-09-976-378A-46/c
/ Sequence 46, Application US/09976378A
/ Patent No. US20020155461A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert

/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-125
/ CURRENT APPLICATION NUMBER: US/09/976,378A
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic sequence
US-09-976-378A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
Db      22 TTTTGTCTTGTGAGA 1

RESULT 1289
US-09-976-577-43/c
/ Sequence 43, Application US/09976577
/ Patent No. US20020155462A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-120
/ CURRENT APPLICATION NUMBER: US/09/976,577
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTGTGAGG 4492
Db 22 TTTTCTTTTCTTGTGAGG 1

RESULT 1290
US-09-976-577-46/c
Sequence 46, Application US/09976577
Patent No. US2002015462A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-120
CURRENT APPLICATION NUMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-577-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTGTGAGG 4492
Db 22 TTTTCTTTTCTTGTGAGG 1

RESULT 1291
US-09-966-312-43/c
Sequence 43, Application US/09966312
Patent No. US20020164605A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

```
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTGTGAGG 4492
Db 22 TTTTCTTTTCTTGTGAGG 1

RESULT 1292
US-09-966-312-46/c
Sequence 46, Application US/09966312
Patent No. US20020164605A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-15
CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
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US-09-966-312-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGAGA 4492

DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 1293

US-09-927-777A-43/C

Sequence 43, Application US/09927777A

Patent No. US20020172953A1

GENERAL INFORMATION:

APPLICANT: Markin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

APPLICANT: Garimella, Viswanadham

APPLICANT: Li, Zhi

APPLICANT: Park, So-Jung

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-653-A

CURRENT APPLICATION NUMBER: US/09/927,777A

PRIOR FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: 09/820,279

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 09/760,500

PRIOR FILING DATE: 2001-01-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/176,409

PRIOR FILING DATE: 2000-01-13

PRIOR APPLICATION NUMBER: 60/192,699

PRIOR FILING DATE: 2000-03-28

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

PRIOR APPLICATION NUMBER: 60/213,906

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 60/224,631

PRIOR FILING DATE: 2000-08-11

PRIOR APPLICATION NUMBER: 60/254,392

PRIOR FILING DATE: 2000-12-08

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

QY 4471 TTTTCTTTTGTCTTGAGA 4492
DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 1294

US-09-927-777A-46/C

Sequence 46, Application US/09927777A

Patent No. US20020172953A1

GENERAL INFORMATION:

APPLICANT: Markin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

APPLICANT: Garimella, Viswanadham

APPLICANT: Li, Zhi

APPLICANT: Park, So-Jung

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-653-A

CURRENT APPLICATION NUMBER: US/09/927,777A

PRIOR FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: 09/820,279

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 09/760,500

PRIOR FILING DATE: 2001-01-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/176,409

PRIOR FILING DATE: 2000-01-13

PRIOR APPLICATION NUMBER: 60/192,699

PRIOR FILING DATE: 2000-03-28

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

PRIOR APPLICATION NUMBER: 60/213,906

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 60/224,631

PRIOR FILING DATE: 2000-08-11

PRIOR APPLICATION NUMBER: 60/254,392

PRIOR FILING DATE: 2000-12-08

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

PRIOR FILING DATE: 2000-12-11

PRIOR APPLICATION NUMBER: 60/255,235

Query Match 0.2%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGAGA 4492

DB 22 TTTTCTTTTGTCTTGAGA 1

RESULT 1295

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US-09-927-777A-73/c
; Sequence 73, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-73

Query March 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTGTGAGA 4492
Db 22 TTTTCTTTTCTTGTGAGA 1

RESULT 1296
US-09-966-491A-43/c
; Sequence 43, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.

US-09-966-491A-43
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: US/09/966,491A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22

Query March 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTGTGAGA 4492
Db 22 TTTTCTTTTCTTGTGAGA 1

RESULT 1297
US-09-966-491A-46/c
; Sequence 46, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: US/09/966,491A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTGTCTTGTGAGA 4492
Db 22 TTTTGTCTTGTGAGA 1

RESULT 1298
US-09-976-971A-43/c
; Sequence 43, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-971A-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTGTCTTGTGAGA 4492
Db 22 TTTTGTCTTGTGAGA 1

RESULT 1299
US-09-976-971A-46/c
; Sequence 46, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-971A-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTGTCTTGTGAGA 4492
Db 22 TTTTGTCTTGTGAGA 1

RESULT 1300
US-09-820-279B-43/c
; Sequence 43, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTCTTTTCTGTTGAGA 4492
           |||||
Db       22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1301
US-09-820-279B-46/C
; Sequence 46, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Letsinger, Robert A.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279B-46
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTCTTTTCTGTTGAGA 4492
           |||||
Db       22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1302
US-09-981-344-43/C
; Sequence 43, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-981-344-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTCTTTTCTGTTGAGA 4492
           |||||
Db       22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1303
US-09-981-344-46/C
; Sequence 46, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
```

```

; OTHER INFORMATION: synthetic sequence
US-09-981-344-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1304
US-09-957-318A-43/C
; Sequence 43, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/957,318A-43
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1305
US-09-957-318A-46/C
; Sequence 46, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/957,318A-46
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-46
```

```

; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/974,500A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A-43
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1306
US-09-974-500A-43/C
; Sequence 43, Application US/09974500A
; Publication No. US20030049631A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A-43
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-43
```

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1307
US-09-974-500A-46/c

; Sequence 46, Application US/0974500A
; Publication No. US20030049631A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghariani, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1308
US-09-770-107-108

; Sequence 108, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; FILE REFERENCE: 3322/0H401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24

; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-108

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5166 CTGGGACAGTGGCTCTGCATG 5187
Db 1 CTGGGACAGTAAAGTCTGCATG 22

RESULT 1309

US-09-975-376A-43/c
; Sequence 43, Application US/0975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghariani, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1310

US-09-975-376A-46/c
; Sequence 46, Application US/0975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.

```

; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-975-376A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1
```

```

RESULT 1311
US-09-957-313A-43/c
; Sequence 43, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-957-313A-43
```

```

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1
```

```

RESULT 1312
US-09-957-313A-46/c
; Sequence 46, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-957-313A-46
```

```

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
DB 22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1
```

```

RESULT 1313
US-09-976-863A-43/c
; Sequence 43, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
```

```

; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; OTHER INFORMATION: AND USES THEREFOR
; FILE REFERENCE: 00-713-119
; CURRENT APPLICATION NUMBER: US/09/976,863A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-976-863A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```

RESULT 1314
; US-09-976-863A-46/C
; Sequence 46, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Taton, Thomas A.
; APPLICANT: Elghanian, Robert
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-119
; CURRENT APPLICATION NUMBER: US/09/976,863A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```

; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-976-863A-46
```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```

RESULT 1315
; US-09-976-601A-43/C
; Sequence 43, Application US/09976601A
; Publication No. US20030124528A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-976-601A-43
```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```

Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```

RESULT 1316
; US-09-976-601A-46/C
; Sequence 46, Application US/09976601A
; Publication No. US20030124528A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```



```

; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-601A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1317
US-09-975-059A-43/c
; Sequence 43, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
```

```

US-09-975-059A-43
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1318
US-09-975-059A-46/c
; Sequence 46, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1319
US-09-976-968A-43/c
; Sequence 43, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117
```

```
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; US-09-976-968A-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGACA 4492
Db      22 TTTTGTCTTGTCTTGACA 1
```

```
RESULT 1320
US-09-976-968A-46/c
; Sequence 46, Application US/0976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; US-09-976-968A-46
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGACA 4492
Db      22 TTTTGTCTTGTCTTGACA 1
```

```
RESULT 1321
US-09-844-861A-80
; Sequence 80, Application US/09844861A
; Publication No. US20030216304A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Spytek, Kimberly
; APPLICANT: Burgess, Catherine
; APPLICANT: Lepley, Denise
; APPLICANT: Grose, William
; APPLICANT: Szekeres, Edward
; APPLICANT: Alsobrook, John
; APPLICANT: Gangoli, Esha
; APPLICANT: Casman, Stacie
; APPLICANT: MacDougall, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US20030216304A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-789 US
; CURRENT APPLICATION NUMBER: US/09/844,861A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/199,947
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/199,960
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/225,226
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/256,399
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/256,524
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/258,159
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/258,511
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/258,828
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/259,659
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 60/275,604
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; US-09-844-861A-80
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6797 CTAAGCAGATTGGAGAGAGGT 6818
Db      1 CTAAGCAGAAAGGATGAGAT 22
```

```
RESULT 1322
US-09-844-861A-83
; Sequence 83, Application US/09844861A
```

```
Publication No. US20030216304A1
GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
APPLICANT: Mishra, Vishnu
APPLICANT: Splyek, Kimberly
APPLICANT: Burgess, Catherine
APPLICANT: Lepley, Denise
APPLICANT: Grose, William
APPLICANT: Szekeres, Edward
APPLICANT: Alsbrook, John
APPLICANT: Gangoli, Bsha
APPLICANT: Casman, Stacie
APPLICANT: Macdonald, John
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-789 US
CURRENT APPLICATION NUMBER: US/09/844,861A
PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: 60/199,947
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/199,960
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/225,226
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/256,399
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: 60/256,524
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: 60/258,159
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/258,511
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: 60/258,828
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: 60/259,659
PRIOR FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 60/275,604
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 83
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-844-861A-83

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6797  CTAGCAGATTGGAGAGAGGT 6818
Db      1  CTAGCAGAGAAAGGATGAGAT 22

RESULT 1323
US-09-981-566A-167
Sequence 167, Application US/09981566A
Publication No. US2004000556A1
GENERAL INFORMATION:
APPLICANT: Kekuda et al.
TITLE OF INVENTION: No. US2004000556A1el GPCR-like Proteins and Nucleic Acids Encod
FILE REFERENCE: 21402-163
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/240,704
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/262,159
PRIOR FILING DATE: 2001-01-17
```

```
PRIOR APPLICATION NUMBER: 60/263,340
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/264,118
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/308,203
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/243,497
PRIOR FILING DATE: 2000-10-26
PRIOR APPLICATION NUMBER: 60/244,542
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: 60/269,031
PRIOR FILING DATE: 2001-02-15
PRIOR APPLICATION NUMBER: 60/245,484
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: 60/255,017
PRIOR FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/263,216
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/268,225
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 209
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 167
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-981-566A-167

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6797  CTAGCAGATTGGAGAGAGGT 6818
Db      1  CTAGCAGAGAAAGGATGAGAT 22

RESULT 1324
US-09-981-566A-182/c
Sequence 182, Application US/09981566A
Publication No. US2004000556A1
GENERAL INFORMATION:
APPLICANT: Kekuda et al.
TITLE OF INVENTION: No. US2004000556A1el GPCR-like Proteins and Nucleic Acids Encod
FILE REFERENCE: 21402-163
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/240,704
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/262,159
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/263,340
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/264,118
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/308,203
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/243,497
PRIOR FILING DATE: 2000-10-26
PRIOR APPLICATION NUMBER: 60/244,542
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: 60/269,031
PRIOR FILING DATE: 2001-02-15
PRIOR APPLICATION NUMBER: 60/245,484
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: 60/255,017
PRIOR FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/263,216
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: 60/268,216
PRIOR FILING DATE: 2001-01-22
```

```

; PRIOR APPLICATION NUMBER: 60/268,225
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 209
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 182
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-981-566A-182

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5700 TTGCTTCTCTTTCTCTCTCTC 5721
Db      22 TTACCCACCTTTCTCTCTCTC 1

RESULT 1325
US-10-640-618-43/c
; Sequence 43, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; PRIOR FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-640-618-43
```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1326
US-10-640-618-46/c
; Sequence 46, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; PRIOR FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-640-618-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1327
US-09-874-991C-617
; Sequence 617, Application US/09874991C
; Publication No. US20040052763A1
```

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; GENERAL INFORMATION:
; APPLICANT: MOND, JAMES J.
; APPLICANT: FLORA, MICHAEL
; APPLICANT: KLIMAN, DENNIS M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
; FILE REFERENCE: 07787.0042-0
; CURRENT APPLICATION NUMBER: US/09/874,991C
; CURRENT FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/209,797
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 620
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 617
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
US-09-874-991C-617

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4454 TGGCATGACGCTTTTCTTTT 4475
Db      1 TCGTATGTACTCTTTTCTTTT 22

RESULT 1328
US-10-632-658-49/c
; Sequence 49, Application US/10632658
; Publication No. US20040053223A1
; GENERAL INFORMATION:
; APPLICANT: BEE, Gary G.
; APPLICANT: YANG, Yeasing Y.
; APPLICANT: KOLK, Dan
; APPLICANT: GIACCHETTI, Cristina
; APPLICANT: MCDONOUGH, Sherol H.
; TITLE OF INVENTION: DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: GPl03-02.UT
; CURRENT APPLICATION NUMBER: US/10/632,658
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: US/09/611,627
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,072
; PRIOR FILING DATE: 1999-07-09
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-632-658-49

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4306 TTCCTTCCCTGGAGCTGTCCTC 4327
Db      22 TTCCTTCCCTGGAGCTGTAACC 1

RESULT 1329
US-09-975-498-43/c
; Sequence 43, Application US/09975498
; Publication No. US20020160381A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
```

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; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-114
; CURRENT APPLICATION NUMBER: US/09/975,498
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-498-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTCTTTTCTTTGCTTGACA 4492
Db      22 TTTTCTTTTCTTTGAGTTGAGA 1

RESULT 1330
US-09-975-498-46/c
; Sequence 46, Application US/09975498
; Publication No. US20020160381A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-114
; CURRENT APPLICATION NUMBER: US/09/975,498
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
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LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-498-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGAGA 4492
DB 22 TTTTGTCTTGAGA 1

RESULT 1331
US-10-173-509-1
Sequence 1, Application US/10173509
Publication No. US2003001490A1
GENERAL INFORMATION:
APPLICANT: Belyavsky et al.
TITLE OF INVENTION: Method Of Identification And
Cloning Differentially Expressed
Messenger RNAs
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/173,509
FILING DATE: 18-Jun-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/664,534
FILING DATE: 18-Sep-2000
APPLICATION NUMBER: US/08/499,899
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: O'Dea, Sean W.
REGISTRATION NUMBER: 37690
REFERENCE/DOCKET NUMBER: 454-8
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-173-509-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GGCATGACCTTTTCTTTT 4476
DB 1 GGCAGGCCCTTTTCTTTT 22

RESULT 1332
US-10-008-978-43/C
Sequence 43, Application US/10008978
Publication No. US20030087242A1
GENERAL INFORMATION:
APPLICANT: Mitkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Stornoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-008-978-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGAGA 4492
TTTTTTTTTTTTTTTTTTTT

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492
DB 22 TTTTCTTTTCTGAGTTGAGA 1

RESULT 1339

US-10-410-324-46/c
; Sequence 46, Application US/10410324
; Publication No. US20030180783A1
; GENERAL INFORMATION:
; APPLICANT: Markin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-126
; CURRENT APPLICATION NUMBER: US/10/410,324
; PRIOR FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: 09/961,949
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-410-324-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492
DB 22 TTTTCTTTTCTGAGTTGAGA 1

RESULT 1340

US-10-204-884-93/c
; Sequence 93, Application US/10204884
; Publication No. US20030186371A1
; GENERAL INFORMATION:
; APPLICANT: Oxagen Limited
; APPLICANT: Olavson, Mark
; APPLICANT: Lench, Nick
; APPLICANT: Allen, Maxine
; APPLICANT: Tazi-Ahmini, Rachid
; TITLE OF INVENTION: Test and model for inflammatory disease
; FILE REFERENCE: P30000WO-PS
; CURRENT APPLICATION NUMBER: US/10/204,884
; CURRENT FILING DATE: 2003-01-29

; PRIOR APPLICATION NUMBER: GB 0004312.5
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: Patencin version 3.1
; SEQ ID NO 93
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-204-884-93

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4925 GGACTGTGAGTACTCTCT 4946
DB 22 GGACTGTGAGTACTCTCTT 1

RESULT 1341

US-10-266-983-43/c
; Sequence 43, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Markin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,639
; PRIOR FILING DATE: 2000-03-28
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTTCTGAGA 4492
DB 22 TTTTCTTTTCTGAGTTGAGA 1

```
RESULT 1342
US-10-266-983-46/c
; Sequence 46, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTGTCTTGACA 4492
DB      22 TTTTCTTTTACGACTTGAGA 1

RESULT 1343
US-10-266-983-73/c
; Sequence 73, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-73

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5869 AGGTCAGGCTAGCTCCTGA 5890
DB      22 AGGGCAGGCTGAGTCTGTA 1
```

```
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-73

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTGTCTTGACA 4492
DB      22 TTTTCTTTTACGACTTGAGA 1

RESULT 1344
US-10-435-696-156/c
; Sequence 156, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS,
; FILE REFERENCE: Lea 36 108
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 156
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-435-696-156

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5869 AGGTCAGGCTAGCTCCTGA 5890
DB      22 AGGGCAGGCTGAGTCTGTA 1
```

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RESULT 1345
US-10-180-331-3/C
; Sequence 3, Application US/10180331
; Publication No. US20040086950A1
; GENERAL INFORMATION:
; APPLICANT: SHINOKI, Hiroshi et al.
; TITLE OF INVENTION: STRUCTURE IN WHICH BIOLOGICAL MATERIAL IS FIXED AND METHOD FOR
; FILE REFERENCE: 2870-0193P
; CURRENT FILING DATE: 2002-06-27
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-180-331-3

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1605 GGTCAAGACTTCACAGACCAG 1626
DB      22 GATCTGAACTTCACAGACTAG 1

RESULT 1346
US-10-716-829-43/C
; Sequence 43, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/10/716,829
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-716-829-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGCTTGAGA 4492
DB      22 TTTTCTTTTCTGCTTGAGA 1

RESULT 1347
US-10-716-829-46/C
; Sequence 46, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/10/716,829
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-716-829-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGCTTGAGA 4492
DB      22 TTTTCTTTTCTGCTTGAGA 1

RESULT 1348
US-10-766-590-4/C
; Sequence 4, Application US/10766590
; Publication No. US20040180370A1
; GENERAL INFORMATION:
; APPLICANT: Tabakoff, Boris
; APPLICANT: Martine, Larry
; APPLICANT: Hoffman, Paula
; TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
; FILE REFERENCE: UIC-08617
; CURRENT APPLICATION NUMBER: US/10/766,590
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/443,072
; PRIOR FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-766-590-4
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5327 TCTCTCTTGGCCACCTCTCC 5348
Db      22 TCTCTCTCTCTCTCTCTCTC 1
```

```
RESULT 1349
US-09-901-484A-461
; Sequence 461, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bouguetelerc, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-1111XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(23)
; OTHER INFORMATION: microsequencing oligo for 4-60-293.misl
US-09-901-484A-461
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3959 ATGTTTCATATTTCTTACTG 3980
Db      1 AAGTTTCAGTATTTCTTAGCAG 22
```

```
RESULT 1350
US-09-853-526-461
; Sequence 461, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bouguetelerc, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
```

```
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..23
; OTHER INFORMATION: microsequencing oligo for 4-60-293.misl
US-09-853-526-461
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3959 ATGTTTCATATTTCTTACTG 3980
Db      1 AAGTTTCAGTATTTCTTAGCAG 22
```

```
RESULT 1351
US-09-864-636A-2572/c
; Sequence 2572, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chetuk, Luvame
; APPLICANT: Chetuk, Luvame
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2540
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2572
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2276 CCTGCATCAAACTGGAAGGA 2297
Db      23 CCAGCATCAAGCTGAAGAGGA 2
```

```
RESULT 1352
US-09-792-818-2204
; Sequence 2204, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: MCSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Insert
```

```

; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2204
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-792-818-2204

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGC 7434
DB      1 CAGCAGCAGCAGCAGCAGCAGC 22

RESULT 1353
US-09-864-426A-2572/c
; Sequence 2572, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2572

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2276 CCTGCATCAACTGGAAAAAGA 2297
DB      23 CCAGCATCAAGCTGAAAGGGA 2

RESULT 1354
US-10-399-872-5/c
; Sequence 5, Application US/10399872
; Publication No. US20040072147A1
; GENERAL INFORMATION:
; APPLICANT: HARRIS, ROBERT B.
; APPLICANT: REYNOLDS, THOMAS R.
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF HUMAN HERPES VIRUSES
; FILE REFERENCE: 038098-0115
; CURRENT APPLICATION NUMBER: US/10/399,872
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/US01/31892
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
```

```

US-10-399-872-5

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5703 CCTTCCTTCCTCTCTCTCTCT 5724
DB      23 CCATCCTCTCTCTCTCTCTCTCT 2

RESULT 1355
US-10-384-491-196
; Sequence 196, Application US/10384491
; Publication No. US20030224040A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: BAYLIN, Stephen B.
; APPLICANT: HERMAN, James
; APPLICANT: Suzuki, Hiromu
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED GENES ASSOCIATED WITH
; FILE REFERENCE: JH01850-1
; CURRENT APPLICATION NUMBER: US/10/384,491
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/362,422
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 296
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 196
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-384-491-196

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      131 GCAGCAGAGTGTCGGTGACCT 152
DB      1 GCAGAGAGATGTGAGGAACCT 22

RESULT 1356
US-10-084-839-2572/c
; Sequence 2572, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Ma, Wupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetaka Y.
; APPLICANT: Thompson, Lisa C.
```

```
; APPLICANT: Veddik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: PORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2572
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No.1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      2276 CCTGCATCAACTGGAAGAAGA 2297
Db      23  CCAGCATCAAGCTGAAAGAGA 2
```

```
RESULT 1357
US-10-297-068-431/c
; Sequence 431, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 431
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-297-068-431
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No.1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      1610 AGAAGCTTCACAGACGCTGCG 1631
Db      23  AGAGCTTCACAGCTGACGCGCG 2
```

```
RESULT 1358
US-10-297-068-437/c
; Sequence 437, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
```

```
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 437
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-297-068-437
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No.1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      1610 AGAAGCTTCACAGACGCTGCG 1631
Db      23  AGAGCTTCACAGCTGACGCGCG 2
```

```
RESULT 1359
US-10-361-006-2
; Sequence 2, Application US/10361006
; Publication No. US20030232356A1
; GENERAL INFORMATION:
; APPLICANT: Dooley, Thomas
; APPLICANT: Cinto, Ernest
; APPLICANT: Davis, Richard
; TITLE OF INVENTION: SKIN CELL BIOMARKERS AND METHODS FOR
; FILE REFERENCE: 544512000200
; CURRENT APPLICATION NUMBER: US/10/361,006
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/354,519
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-361-006-2
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No.1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      7417 AGCAGCAGCAGCAGCAGCA 7438
Db      1  AGCAGCAGAACCGAGCTACCA 22
```

```
RESULT 1360
US-10-388-214A-25/c
; Sequence 25, Application US/10388214A
; Publication No. US20040082762A1
; GENERAL INFORMATION:
; APPLICANT: Bael, Gurliq
; APPLICANT: Saldanha, Jose
; TITLE OF INVENTION: HUMANIZED ANTIBODIES THAT RECOGNIZE BETA
; FILE REFERENCE: EBN-004
; CURRENT APPLICATION NUMBER: US/10/388,214A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/363,751
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 23
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-388-214A-25

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 23;
Best Local Similarity	81.8%;	Pred. No. 1.2e+03;		
Matches 18; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

QY	5568	TGTTGGCAGCAAGCTTTGGCTC	5585
Db	22	TGTTGGCGGCAAGCTTATCTC	1

```

RESULT 1361
US-10-664-422-380/c
; Sequence 380, Application US/10664422
; Publication No. US20040096885a1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G00D.023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 380
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-422-380.

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 23;
Best Local Similarity	81.8%	Pred. No. 1.2e+03;		
Matches 18;	Conservative	0;	Mismatches 4;	Indels 0;
			Gaps	0

```

Oy      4296 GTGCATCTTTTCCCTTCCCCCTG 4317
          ||| ||| ||| ||| ||| |||
Db      23  GTGCTACTTTTGCCCTTACCCTG 2

```

```

RESULT 1362
US-10-664-423-380/C
; Sequence 380, Application US/10664423
; Publication No. US20040096886a1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND N
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSE OR TREAT EPILEPSY
; FILE REFERENCE: G0UD.023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 360
;
; LENGTH: 23
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-423-380

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 23;
Best Local Similarity	81.8%;	Pred. NO. 1.2e+03;		
Matches 18;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;

QY 4296 GTGCATCTTTTCCCTTCCCCGTG 4317
||| ||| ||| ||| |||
Db 23 GTGCTACTTTTGCCCTTACCCTG 2

```

RESULT 1363
US-10-699-557-8
Sequence 8, Application US/10699557
Publication No. US20040180357A1
GENERAL INFORMATION:
APPLICANT: Samuel Joachim Reich
APPLICANT: Enrico Sacchi
APPLICANT: Michael J. Tolentino
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA
TITLE OF INVENTION: INHIBITION OF HIF-1 ALPHA
FILE REFERENCE: 43826-00020S1
CURRENT APPLICATION NUMBER: US/10/699,557
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 60/423,262
PRIOR FILING DATE: 2002-11-01
NUMBER OF SEQ ID NOS: 239
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 23
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: siRNA antisense strand
US-10-699-557-8

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Query Match	0.2%	Score 15.6;	DB 1;	Length 23;
Best Local Similarity	40.9%;	Pred. No. 1.2e+03;		
Matches	9;	Conservative	9;	Mismatches 4;
				Indels 0;
				Gaps 0

Qy	5338	CTCACTCTCTCCAGTGGTTT	5355
		: : : : : : :	
Db	2	CACACUGUGUCCAGUUAUUUU	23

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RESULT 1364
US-10-699-557-10
; Sequence 10, Application US/10699557
; Publication No. US20040180357A1
; GENERAL INFORMATION:
; APPLICANT: Samuel Jocham Reich
; APPLICANT: Enrico Maria Surace
; APPLICANT: Michael J. Tolentino
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA
; TITLE OF INVENTION: INHIBITION OF HIF-1 ALPHA
; FILE REFERENCE: 43826-00020S1
; CURRENT APPLICATION NUMBER: US/10/699,557
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 60/423,262
; PRIOR FILING DATE: 2002-11-01
; NUMBER OF SEQ ID NOS: 299
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA antisense strand
; US-10-699-557-10

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US-09-946-374-379
Sequence 379, Application US/09946374
Publication No. US20030073129A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2830P1C1
CURRENT APPLICATION NUMBER: US/09/946,374
CURRENT FILING DATE: 2001-09-04
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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PRIOR APPLICATION NUMBER: 60/099536
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
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PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
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PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30

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; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
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; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
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; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
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; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 4259 CTCCTCTCTGCTGCTGCTG 4280
DB 1 CTGCTCCACGCTGCTGCTG 22

RESULT 1370
US-09-940-185-1132/c
; Sequence 1132, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides

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; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1132
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-1132

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 1439 GAGTGTGCGCGCGCCATCTT 1460
DB 24 GAGTGTGCTGCTGCCCATATT 3

RESULT 1371
US-09-940-185-3469/c
; Sequence 3469, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3469
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-3469

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1645 GATCGGCGATGCTATCCAG 1666
DB 23 GATTCGGGATACCAACGAG 2

RESULT 1372
US-09-792-818-2216/c
; Sequence 2216, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Insert

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FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2216
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
NAME/KEY: misc_feature
LOCATION: (8)..(16)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
NAME/KEY: misc_feature
LOCATION: (20)..(22)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
NAME/KEY: misc_feature
LOCATION: (1)..(7)
OTHER INFORMATION: 2'-O-Methyl
NAME/KEY: misc_feature
LOCATION: (17)..(23)
OTHER INFORMATION: 2'-O-Methyl
NAME/KEY: misc_feature
LOCATION: (24)..(24)
OTHER INFORMATION: n stands for inverted deoxybasic derivative
US-09-792-818-2216
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7434
DB      23 CAGCAGCAGCAGCAGCAGCAGC 2
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RESULT 1373
US-10-015-395A-379
Sequence 379, Application US/10015395A
Publication No. US20040073015A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C57
CURRENT APPLICATION NUMBER: US/10/015,395A
CURRENT FILING DATE: 2001-12-12
Prior application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-395A-379
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4259 CTCCTCTCTGCACTGTCTG 4280
DB      1 CTCCTCTCACTGTCTGTCTG 22
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RESULT 1374
US-10-433-561-37/c
Sequence 37, Application US/10433561
Publication No. US20040029178A1
GENERAL INFORMATION:
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APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: NO. US20040029178A1e1 G Protein-Coupled Receptor Proteins and DNA
FILE REFERENCE: P01-0255PCT
CURRENT APPLICATION NUMBER: US/10/433,561
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: JP 2000-364801
PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: JP 2001-087482
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-145434
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: JP 2001-270838
PRIOR FILING DATE: 2001-09-06
NUMBER OF SEQ ID NOS: 191
SEQ ID NO 37
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-433-561-37
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      7414 AGCAGCAGCAGCAGCAGCA 7435
DB      23 AGCAGACAGCAGCAGTGCCA 2
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RESULT 1375
US-10-257-332B-9/c
Sequence 9, Application US/10257332B
Publication No. US20040058418A1
GENERAL INFORMATION:
APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
TITLE OF INVENTION: Production of alpha 1,2-fucosyltransferase and complex carbohydra
TITLE OF INVENTION: containing
TITLE OF INVENTION: fucose
FILE REFERENCE: 766.62
CURRENT APPLICATION NUMBER: US/10/257,332B
CURRENT FILING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: JP 00/109148
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-257-332B-9
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      3788 CTTTCAACATGACAGACTGCG 3809
Db      22 CTTTCAACATGACAGATTCTTG 1

RESULT 1376
US-09-764-359-9/c
; Sequence 9, Application US/09764359
; Publication No. US20020039786A1
; GENERAL INFORMATION:
; APPLICANT: Reid, Lola M.
; APPLICANT: Lecluyse, Edward L.
; TITLE OF INVENTION: LIVER TISSUE SOURCE
; FILE REFERENCE: 215075.00601
; CURRENT APPLICATION NUMBER: US/09/764,359
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/176,798
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-359-9

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6044 AGCTGTTTCTCATGCTT 6065
Db      22 AGCTGTTTCTCATGCTT 1

RESULT 1377
US-10-006-485A-379
; Sequence 379, Application US/10006485A
; Publication No. US20030064062A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC9
; CURRENT APPLICATION NUMBER: US/10/006,485A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
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; PRIOR APPLICATION NUMBER: 60/098803
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; PRIOR APPLICATION NUMBER: 60/099536
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PRIOR APPLICATION NUMBER: 60/101475
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002

PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTG 4280
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1378
US-10-013-907A-379
Sequence 379, Application US/10013907A
Publication No. US20030064925A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C34
CURRENT APPLICATION NUMBER: US/10/013.907A
PRIOR FILING DATE: 2001-12-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-907A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTG 4280
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1379

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US-10-015-499A-379
; Sequence 379, Application US/10015499A
; Publication No. US20030065142A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C42
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-499A-379
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```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
OY      4259 CTCCTCTCTGTCACGTCTGCTG 4280
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```
Db      1 CTGCTCTCAGCTGCTGTGCTG 22
```

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RESULT 1380
US-10-226-254A-379
; Sequence 379, Application US/10226254A
; Publication No. US20030224478A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C68
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-379
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```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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OY      4259 CTCCTCTCTGTCACGTCTGCTG 4280
```

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Db      1 CTGCTCTCAGCTGCTGTGCTG 22
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RESULT 1381
US-10-352-554-156/C
; Sequence 156, Application US/10352554
; Publication No. US20030224487A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Kuiper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Hammond, Angela K.
; APPLICANT: Novak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
; FILE REFERENCE: 02-01
; CURRENT FILING DATE: 2003-01-21
; CURRENT APPLICATION NUMBER: US/10/352,554
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/375,323
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 60/435,315
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 156
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer ZC41500
US-10-352-554-156
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Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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OY      4465 TTTTCTTTTCTTTTCTTCTC 4486
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Db      23 TTATTATGTTTATTATTGTC 2
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RESULT 1382
US-10-067-790-61/c
; Sequence 61, Application US/10067790
; Publication No. US20030035807A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-790-61
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Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 40.9%; Pred. No. 1.3e+03;

Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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Qy 7410 CATCAGCAGCAGCAGCAGC 7431
Db 22 CATGASVASYASYASYASY 1

RESULT 1383
US-10-067-790-62
; Sequence 62, Application US/10067790
; Publication No. US20030035807A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CAN
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-790-62
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Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 40.9%; Pred. No. 1.3e+03;

Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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Qy 7410 CATCAGCAGCAGCAGCAGC 7431
Db 3 CATGASVASYASYASYASY 24
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RESULT 1384
US-10-067-892-61/c
; Sequence 61, Application US/10067892
; Publication No. US20030039659A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,892
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-892-61
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Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 40.9%; Pred. No. 1.3e+03;

Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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Qy 7410 CATCAGCAGCAGCAGCAGC 7431
Db 22 CATGASVASYASYASYASY 1

RESULT 1385
US-10-067-892-62
; Sequence 62, Application US/10067892
; Publication No. US20030039659A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,892
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-892-62
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/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: PCT/US00/07938
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 545
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 207
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-085-906-207

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTTTTGCTGCACTGCTC 5348
DB 1 TCTCTCTTACTGCTCTCTC 22

RESULT 1390
US-10-006-818A-379
/ Sequence 379, Application US/10006818A
/ Publication No. US20030054406A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PLC4
/ CURRENT APPLICATION NUMBER: US/10/006,818A
/ CURRENT FILING DATE: 2001-12-06
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTC 4280
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1391
US-10-015-393A-379
/ Sequence 379, Application US/10015393A
/ Publication No. US20030069179A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
```

```
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PLC46
/ CURRENT APPLICATION NUMBER: US/10/015,393A
/ CURRENT FILING DATE: 2002-06-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTC 4280
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1392
US-10-015-869A-379
/ Sequence 379, Application US/10015869A
/ Publication No. US20030073130A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PLC45
/ CURRENT APPLICATION NUMBER: US/10/015,869A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTC 4280
DB 1 CTGCTCCACTGCTGTGCTG 22
```

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Db      1 CTGCCTCCACTGCTGTGCTG 22

RESULT 1393
US-10-012-121A-379
; Sequence 379, Application US/10012121A
; Publication No. US20030073810A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C20
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCTCTCTGCACTGCTG 4280
Db      1 CTGCCTCCACTGCTGTGCTG 22

RESULT 1394
US-10-006-116A-379
; Sequence 379, Application US/10006116A
; Publication No. US20030082626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C15
; CURRENT FILING DATE: 2001-12-16
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
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PRIOR FILING DATE: 1998-10-28

Query Match 0.2% Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCCTCTGCACTGCTG 4280
Db 1 CTCCTCCTCCTGCTGCTG 22

RESULT 1395
US-10-006-117A-379
Sequence 379, Application US/10006117A
Publication No. US20030082627A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Boctstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan J.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C13
CURRENT APPLICATION NUMBER: US/10/006.117A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
Prior Filing Date: 2001-07-09
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCTG 4280
Db 1 CTCGCTCCACTGCTGTGCTG 22

RESULT 1396
US-10-017-527A-379
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; Publication No. US20030082628A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoli, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C63
; CURRENT APPLICATION NUMBER: US/10/017,527A
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PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTGCACTGCTGCTG 4280

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Db 1 CTCCTCTGCACTGCTGCTGCTG 22

RESULT 1397

US-10-013-913A-379

Sequence 379, Application US/10013913A

Publication No. US20030083462A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C40

CURRENT APPLICATION NUMBER: US/10/013,913A

CURRENT FILING DATE: 2002-07-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 379

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-913A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTGCACTGCTGCTG 4280

Db 1 CTCCTCTGCACTGCTGCTGCTG 22

RESULT 1398

US-10-007-194A-379

Sequence 379, Application US/10007194A

Publication No. US20030092061A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C6

CURRENT APPLICATION NUMBER: US/10/007,194A

CURRENT FILING DATE: 2002-06-25

Prior Application Number: 60/098716

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098723

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; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Qy      4259 CTCCTCTCTGCACTGTCCTG 4280
Db      1 CTGCTCCACTGCTCTGTGCTG 22

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RESULT 1399
US-10-013-430A-379
; Sequence 379, Application US/10013430A
; Publication No. US20030092883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C31
; CURRENT APPLICATION NUMBER: US/10/013,430A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-379

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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Qy      4259 CTCCTCTCTGCACTGTCCTG 4280
Db      1 CTGCTCCACTGCTCTGTGCTG 22

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RESULT 1400
US-10-011-671A-379
; Sequence 379, Application US/10011671A
; Publication No. US20030096954A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C27
; CURRENT APPLICATION NUMBER: US/10/011,671A
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10

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PRIOR APPLICATION NUMBER: 60/100385	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683	PRIOR FILING DATE: 1998-09-17
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PRIOR APPLICATION NUMBER: 60/100848	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071	PRIOR FILING DATE: 1998-09-18
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PRIOR APPLICATION NUMBER: 60/101472	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101477	PRIOR FILING DATE: 1998-09-23
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PRIOR APPLICATION NUMBER: 60/101738	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331	PRIOR FILING DATE: 1998-09-29

1	PRIOR	FILING DATE:	1998-09-29	PRIOR	FILING DATE:	1998-09-29
2	PRIOR	APPLICATION NUMBER:	60/102484	PRIOR	APPLICATION NUMBER:	60/102484
3	PRIOR	FILING DATE:	1998-09-30	PRIOR	FILING DATE:	1998-09-30
4	PRIOR	APPLICATION NUMBER:	60/102487	PRIOR	APPLICATION NUMBER:	60/102487
5	PRIOR	FILING DATE:	1998-09-30	PRIOR	FILING DATE:	1998-09-30
6	PRIOR	APPLICATION NUMBER:	60/102570	PRIOR	APPLICATION NUMBER:	60/102570
7	PRIOR	FILING DATE:	1998-09-30	PRIOR	FILING DATE:	1998-09-30
8	PRIOR	APPLICATION NUMBER:	60/102571	PRIOR	APPLICATION NUMBER:	60/102571
9	PRIOR	FILING DATE:	1998-09-30	PRIOR	FILING DATE:	1998-09-30
10	PRIOR	APPLICATION NUMBER:	60/102684	PRIOR	APPLICATION NUMBER:	60/102684
11	PRIOR	FILING DATE:	1998-10-01	PRIOR	APPLICATION NUMBER:	60/102687
12	PRIOR	APPLICATION NUMBER:	60/102687	PRIOR	FILING DATE:	1998-10-01
13	PRIOR	FILING DATE:	1998-10-01	PRIOR	APPLICATION NUMBER:	60/102965
14	PRIOR	APPLICATION NUMBER:	60/102965	PRIOR	FILING DATE:	1998-10-02
15	PRIOR	FILING DATE:	1998-10-02	PRIOR	APPLICATION NUMBER:	60/103258
16	PRIOR	APPLICATION NUMBER:	60/103258	PRIOR	FILING DATE:	1998-10-06
17	PRIOR	FILING DATE:	1998-10-06	PRIOR	APPLICATION NUMBER:	60/103314
18	PRIOR	APPLICATION NUMBER:	60/103314	PRIOR	FILING DATE:	1998-10-07
19	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103315
20	PRIOR	APPLICATION NUMBER:	60/103315	PRIOR	FILING DATE:	1998-10-07
21	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103328
22	PRIOR	APPLICATION NUMBER:	60/103328	PRIOR	FILING DATE:	1998-10-07
23	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103395
24	PRIOR	APPLICATION NUMBER:	60/103395	PRIOR	FILING DATE:	1998-10-07
25	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103396
26	PRIOR	APPLICATION NUMBER:	60/103396	PRIOR	FILING DATE:	1998-10-07
27	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103401
28	PRIOR	APPLICATION NUMBER:	60/103401	PRIOR	FILING DATE:	1998-10-07
29	PRIOR	FILING DATE:	1998-10-07	PRIOR	APPLICATION NUMBER:	60/103449
30	PRIOR	APPLICATION NUMBER:	60/103449	PRIOR	FILING DATE:	1998-10-06
31	PRIOR	FILING DATE:	1998-10-06	PRIOR	APPLICATION NUMBER:	60/103633
32	PRIOR	APPLICATION NUMBER:	60/103633	PRIOR	FILING DATE:	1998-10-08
33	PRIOR	FILING DATE:	1998-10-08	PRIOR	APPLICATION NUMBER:	60/103678
34	PRIOR	APPLICATION NUMBER:	60/103678	PRIOR	FILING DATE:	1998-10-08
35	PRIOR	FILING DATE:	1998-10-08	PRIOR	APPLICATION NUMBER:	60/103679
36	PRIOR	APPLICATION NUMBER:	60/103679	PRIOR	FILING DATE:	1998-10-08
37	PRIOR	FILING DATE:	1998-10-08	PRIOR	APPLICATION NUMBER:	60/103711
38	PRIOR	APPLICATION NUMBER:	60/103711	PRIOR	FILING DATE:	1998-10-08
39	PRIOR	FILING DATE:	1998-10-08	PRIOR	APPLICATION NUMBER:	60/104257
40	PRIOR	APPLICATION NUMBER:	60/104257	PRIOR	FILING DATE:	1998-10-14
41	PRIOR	FILING DATE:	1998-10-14	PRIOR	APPLICATION NUMBER:	60/104987
42	PRIOR	APPLICATION NUMBER:	60/104987	PRIOR	FILING DATE:	1998-10-20
43	PRIOR	FILING DATE:	1998-10-20	PRIOR	APPLICATION NUMBER:	60/105000
44	PRIOR	APPLICATION NUMBER:	60/105000	PRIOR	FILING DATE:	1998-10-20
45	PRIOR	FILING DATE:	1998-10-20	PRIOR	APPLICATION NUMBER:	60/105002
46	PRIOR	APPLICATION NUMBER:	60/105002	PRIOR	FILING DATE:	1998-10-20
47	PRIOR	FILING DATE:	1998-10-20	PRIOR	APPLICATION NUMBER:	60/105104
48	PRIOR	APPLICATION NUMBER:	60/105104	PRIOR	FILING DATE:	1998-10-21
49	PRIOR	FILING DATE:	1998-10-21	PRIOR	APPLICATION NUMBER:	60/105165
50	PRIOR	APPLICATION NUMBER:	60/105165	PRIOR	FILING DATE:	1998-10-22
51	PRIOR	FILING DATE:	1998-10-22	PRIOR	APPLICATION NUMBER:	60/105266
52	PRIOR	APPLICATION NUMBER:	60/105266	PRIOR	FILING DATE:	1998-10-22
53	PRIOR	FILING DATE:	1998-10-22	PRIOR	APPLICATION NUMBER:	60/105633
54	PRIOR	APPLICATION NUMBER:	60/105633	PRIOR	FILING DATE:	1998-10-26
55	PRIOR	FILING DATE:	1998-10-26	PRIOR	APPLICATION NUMBER:	60/105644
56	PRIOR	APPLICATION NUMBER:	60/105644	PRIOR	FILING DATE:	1998-10-26
57	PRIOR	FILING DATE:	1998-10-26	PRIOR	APPLICATION NUMBER:	60/105807
58	PRIOR	APPLICATION NUMBER:	60/105807	PRIOR	FILING DATE:	1998-10-27
59	PRIOR	FILING DATE:	1998-10-27	PRIOR	APPLICATION NUMBER:	60/105891
60	PRIOR	APPLICATION NUMBER:	60/105891	PRIOR	FILING DATE:	1998-10-27
61	PRIOR	FILING DATE:				

Query Match	0.2%	Score 15.6;	DB 1;	Length 24;
Best Local Similarity	81.8%;	Pred. No. 1.3e+03;		
Matches 18; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

DQ 4259 CTCCCTCCTGCACTGTCTG 4280
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Db 1 CTGCCTCCACTGCTCTGTGCTG 22


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RESULT 1401
US-10-012-755A-379
; Sequence 379, Application US/10012755A
; Publication No. US20030096955A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/012,755A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-755A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCTCTCTGCACTGTCTG 4280
      ||||| ||||| ||||| |||||
Db      1 CTCCTCCACTGCTGTGCTG 22

RESULT 1402
US-10-015-386A-379
; Sequence 379, Application US/10015386A
; Publication No. US20030099625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C55
; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-386A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCTCTCTGCACTGTCTG 4280
      ||||| ||||| ||||| |||||
Db      1 CTCCTCCACTGCTGTGCTG 22

RESULT 1403
US-10-128-449A-24
; Sequence 24, Application US/10128449A
; Publication No. US20030108538A1
; GENERAL INFORMATION:
; APPLICANT: Jaye, Michael C.
; APPLICANT: Doan, Kim-Anh T.
; APPLICANT: Krawiec, John A.
; APPLICANT: Lynch, Kevin J.
; APPLICANT: Amin, Dilip V.
; APPLICANT: South, Victoria J.
; TITLE OF INVENTION: LIG POLYPEPTIDES OF THE TRIACYLGLYCEROL
; LIPASE FAMILY, AND COMPOSITIONS AND METHODS FOR THEIR USE
; IN ENZYMATIC HYDROLYSIS, AND PROTEIN AND GENE THERAPIES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESS: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcoia Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/128,449A
; FILING DATE: 23-Apr-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlner Ph.D., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: A2582-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-128-449A-24

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      981 CACCAAGAGATCAAGGCGCTG 1002
      ||||| ||||| ||||| |||||
Db      3 CACCATGAGAGACCAAGCGCTG 24
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RESULT 1404
US-10-168-836-4
; Sequence 4, Application US/10168836
; Publication No. US20030108894A1
; GENERAL INFORMATION:
; APPLICANT: Shanghai Bio Door Gene Technology Ltd.
; APPLICANT: Fudan University
; TITLE OF INVENTION: A NEW POLYPEPTIDE-ATP DEPENDENT HELICASE PROTEIN 68 AND A POLYNUC
; FILE REFERENCE: 57288-10
; CURRENT APPLICATION NUMBER: US/10/168,836
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: PCT/CN00/00581
; PRIOR FILING DATE: 2000-12-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: ATP dependent helicase protein 68
US-10-168-836-4
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      7452 AAAGACAAGTGGCTTCTATT 7473
Db      3 AAAGAAAACACTGCTTTATT 24
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RESULT 1405
US-10-011-692A-379
; Sequence 379, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-692A-379
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      4259 CTCCTCTCTGCACGTGCTG 4280
Db      1 CTGCCTCACGTGCTGCTGCTG 22
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RESULT 1406
US-10-006-768A-379
; Sequence 379, Application US/10006768A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 477
; PRIOR APPLICATION removed - See file Wrapper or Palm
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-379
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4259 CTCCTCTCTGCACGTGCTG 4280
Db      1 CTGCCTCACGTGCTGCTGCTG 22
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RESULT 1407
US-10-017-610A-379
; Sequence 379, Application US/10017610A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C64
; CURRENT APPLICATION NUMBER: US/10/017,610A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
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[illegible]

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; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGACGTGCTG 4280
Db      1 CTCCTCTCTGCTCTGTGCTG 22
```

```
RESULT 1408
US-10-006-063A-379
; Sequence 379, Application US/10006063A
; Publication No. US20030114652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C5
; CURRENT FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US/10/006,063A
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
```

```
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy      4259 CTCCTCTCTGACGTGCTG 4280
Db      1 CTCCTCTCTGCTCTGTGCTG 22
```

```
RESULT 1409
US-10-020-063A-379
; Sequence 379, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C65
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGACGTGCTG 4280
Db      1 CTCCTCTCTGCTCTGTGCTG 22
```

```
RESULT 1410
US-10-015-391A-379
; Sequence 379, Application US/10015391A
```

```
Publication No. US20030120053A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC59
CURRENT APPLICATION NUMBER: US/10/015,391A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCTCTGCACTGTGCTG 4280
Db      1 CTGCTCCACCTGCTGTGCTG 22

RESULT 1411
US-10-017-407A-379
Publication No. US20030125535A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC61
CURRENT APPLICATION NUMBER: US/10/017,407A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCTCTGCACTGTGCTG 4280
Db      1 CTGCTCCACCTGCTGTGCTG 22

RESULT 1412
US-10-011-833A-379
Publication No. US20030129650A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC22
CURRENT APPLICATION NUMBER: US/10/011,833A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCTCTGCACTGTGCTG 4280
Db      1 CTGCTCCACCTGCTGTGCTG 22

RESULT 1413
US-10-006-041A-379
Publication No. US20030130490A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCTG 4280
Db       1 CTGCTCCACTGCTCTGTGCTG 22
```

```
RESULT 1414
US-10-015-822A-379
; Sequence 379, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCTG 4280
Db       1 CTGCTCCACTGCTCTGTGCTG 22
```

```
RESULT 1415
US-10-015-387A-379
; Sequence 379, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
```

```
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCTG 4280
Db       1 CTGCTCCACTGCTCTGTGCTG 22
```

```
RESULT 1416
US-10-254-676-6/c
; Sequence 6, Application US/10254676
; Publication No. US20030148329A1
; GENERAL INFORMATION:
; APPLICANT: KUBOTA, Hiroshi et al
; APPLICANT: STORMS, Robert W.
; APPLICANT: REID, Lola M.
; TITLE OF INVENTION: VARIANTS OF ALPHA-PETROPROTEIN CODING AND
; FILE REFERENCE: 320727-50801
; CURRENT APPLICATION NUMBER: US/10/254,676
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: 60/324,540
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Sequence
US-10-254-676-6
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6044 AGCTGTTTCTCTCAATGCTTT 6065
Db       22 AGCTGTTTCTCTTAATTTCTT 1
```

```
RESULT 1417
US-10-006-130A-379
; Sequence 379, Application US/10006130A
```

```
Publication No. US20030148375A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC7
CURRENT APPLICATION NUMBER: US/10/006,130A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-379

Query Match      0.2% Score 15.6; DB 1; Length 24;
Beer Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGCTG 4280
DB      1 CTGCCTCCACTGCTGCTG 22

RESULT 1418
US-10-006-172A-379
Sequence 379, Application US/10006172A
Publication No. US20030153000A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC11
CURRENT APPLICATION NUMBER: US/10/006,172A
CURRENT FILING DATE: 2002-03-19
Prior Application Number: 60/098716
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098723
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098749
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098750
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098803
```

```
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098821
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098843
Prior Filing Date: 1998-09-02
Prior Application Number: 60/099536
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099596
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099598
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099602
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099642
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099741
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099754
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099763
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099792
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099808
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099812
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099815
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099816
Prior Filing Date: 1998-09-10
Prior Application Number: 60/100385
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100388
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100390
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100584
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100627
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100661
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100662
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100664
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100683
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100684
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100710
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100711
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100848
Prior Filing Date: 1998-09-18
Prior Application Number: 60/100849
Prior Filing Date: 1998-09-18
Prior Application Number: 60/100919
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100930
Prior Filing Date: 1998-09-17
Prior Application Number: 60/101014
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101068
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101071
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101279
Prior Filing Date: 1998-09-22
Prior Application Number: 60/101471
Prior Filing Date: 1998-09-23
```

PRIOR APPLICATION NUMBER: 60/101472
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987

PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105861
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4259 CTCCTCTCTGCACGTCTCTG 4280
Db 1 CTCCTCTCTGCTCTGTCTG 22

RESULT 1419
US-10-171-319-31/c
Sequence 31, Application US/10171319
Publication No. US20030157633A1
GENERAL INFORMATION:
APPLICANT: Ardem Patapoutian
APPLICANT: Andrea Peter
APPLICANT: Peter McIntyre
APPLICANT: Stuart Bevan
APPLICANT: Chuansheng Song
APPLICANT: Pamosh Ganju
TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
FILE REFERENCE: 4-32048A
CURRENT FILING DATE: US/10/171,319
CURRENT FILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: 60/297,835
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: 60/351,238
PRIOR FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/352,914
PRIOR FILING DATE: 2002-01-29
PRIOR APPLICATION NUMBER: 60/357,161
PRIOR FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: 60/381,086
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/381,739
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 114
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 31
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-171-319-31
Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C66
CURRENT APPLICATION NUMBER: US/10/017,306A
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1,36+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGCTGCTG 4280
Db 1 CTCCTCTCTGCTGCTGCTGCTG 22

RESULT 1423

US-10-017-867A-379
Sequence 379, Application US/10017867A
Publication No. US20030180792A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C60

CURRENT APPLICATION NUMBER: US/10/017,867A
CURRENT FILING DATE: 2001-12-13

Prior Application Number: 60/098716

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098723

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098749

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098750

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098803

Prior Filing Date: 1998-09-02

Prior Application Number: 60/098821

Prior Filing Date: 1998-09-02

Prior Application Number: 60/098843

Prior Filing Date: 1998-09-02

Prior Application Number: 60/099536

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099596

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099598

Prior Filing Date: 1998-09-09
Prior Application Number: 60/099602
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099642
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099741
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099754
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099763
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099792
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099808
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099812
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099815
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099816
Prior Filing Date: 1998-09-10
Prior Application Number: 60/100385
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100388
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100390
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100584
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100627
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100651
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100662
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100664
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100683
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100684
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100710
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100711
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100848
Prior Filing Date: 1998-09-18
Prior Application Number: 60/100849
Prior Filing Date: 1998-09-18
Prior Application Number: 60/100919
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100930
Prior Filing Date: 1998-09-17
Prior Application Number: 60/101014
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101068
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101071
Prior Filing Date: 1998-09-18
Prior Application Number: 60/101279
Prior Filing Date: 1998-09-22
Prior Application Number: 60/101471
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101472
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101474
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101475
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101476
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101477
Prior Filing Date: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266

PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105861
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCCCTGCTGCTGCTG 4280
DB 1 CTCCTCCCTGCTGCTGCTG 22

RESULT 1424
US-10-012-064A-379
Sequence 379, Application US/10012064A
Publication No. US20030180836A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC19
CURRENT FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: US/10/012.064A
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGTCTG 4280
Db 1 CTGCTCCACTGCTGTGTGCTG 22

RESULT 1425
US-10-013-909A-379
; Sequence 379, Application US/10013909A
; Publication No. US20030186318A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C5
; CURRENT APPLICATION NUMBER: US/10/013,909A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-909A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGTCTG 4280
Db 1 CTGCTCCACTGCTGTGTGCTG 22

RESULT 1426
US-10-015-671A-379
; Sequence 379, Application US/10015671A
; Publication No. US20030186319A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C47
; CURRENT APPLICATION NUMBER: US/10/015,671A
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-671A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGTCTG 4280
Db 1 CTGCTCCACTGCTGTGTGCTG 22

RESULT 1427
US-10-015-610A-379
; Sequence 379, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
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/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1428
US-10-012-137A-379
Sequence 379, Application US/10012137A
Publication No. US20030187189A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC29
CURRENT APPLICATION NUMBER: US/10/012,137A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1429
US-10-012-752A-379
Sequence 379, Application US/10012752A
Publication No. US20030187190A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
```

```
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC24
CURRENT APPLICATION NUMBER: US/10/012,752A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1430
US-10-012-754A-379
Sequence 379, Application US/10012754A
Publication No. US20030187191A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC18
CURRENT APPLICATION NUMBER: US/10/012,754A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1431
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US-10-013-910A-379
; Sequence 379, Application US/10013910A
; Publication No. US20030187192A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C3
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4259 CTCCTCCTCTGCACCTGCTG 4280
Db      1 CTGCTCCTCCTGCTCTGTGCTG 22

RESULT 1432
US-10-013-911A-379
; Sequence 379, Application US/10013911A
; Publication No. US20030187193A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C3
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
```

```
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
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; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
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PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
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PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
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PRIOR FILING DATE: 1998-09-29
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PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
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PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
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PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257

PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CCGCTCCTGCACTGCTGCTG 4280
DB 1 CCGCTCCTGCACTGCTGCTG 22

RESULT 1433
US-10-013-912A-379
Sequence 379, Application US/10013912A
Publication No. US20030187194A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C32
CURRENT APPLICATION NUMBER: US/10/013.912A
PRIOR FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02

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; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCGCTCTCTGCACGTGCTCG 4280
Db      1   CTGCTCCACGCTGCTGTGCTG 22

RESULT 1434
US-10-015-653A-379
; Sequence 379, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnayers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCGCTCTCTGCACGTGCTCG 4280
Db      1   CTGCTCCACGCTGCTGTGCTG 22

RESULT 1435
US-10-012-101B-379
; Sequence 379, Application US/10012101B
; Publication No. US20030187239A1
; GENERAL INFORMATION:
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; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnayers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012,101B
; CURRENT FILING DATE: 2001-12-06
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-101B-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCGCTCTCTGCACGTGCTCG 4280
Db      1   CTGCTCCACGCTGCTGTGCTG 22

RESULT 1436
US-10-084-555-103/C
; Sequence 103, Application US/10084555
; Publication No. US20030190616A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GOGGINS, Michael G.
; APPLICANT: Ueki, Takashi
; TITLE OF INVENTION: DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER
; FILE REFERENCE: JH01700-1
; CURRENT APPLICATION NUMBER: US/10/084,555
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/271,268
; PRIOR FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-084-555-103

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4459 TGGACATTTTCTTTTCTTTTCTTTT 4480
Db      24   TGGATGTTTGTGTTGTTTCTTTT 3

RESULT 1437
US-10-015-480A-379
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/ Sequence 379, Application US/10015480A
/ Publication No. US20030190667A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC50
/ CURRENT APPLICATION NUMBER: US/10/015,480A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTGTGCTG 22

RESULT 1438
US-10-015-715A-379
/ Sequence 379, Application US/10015715A
/ Publication No. US20030190668A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC56
/ CURRENT APPLICATION NUMBER: US/10/015,715A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
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US-10-015-715A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTGTGCTG 22

RESULT 1439
US-10-012-237A-379
/ Sequence 379, Application US/10012237A
/ Publication No. US20030191281A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC21
/ CURRENT APPLICATION NUMBER: US/10/012,237A
/ CURRENT FILING DATE: 2002-06-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 379
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTGTGCTG 22

RESULT 1440
US-10-013-906A-379
/ Sequence 379, Application US/10013906A
/ Publication No. US20030191282A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
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1	FILE REFERENCE: P2830PIC36	2	PRIOR APPLICATION NUMBER: 60/100930
2	CURRENT FILING DATE: 2002-06-10	3	PRIOR FILING DATE: 1998-09-17
3	PRIOR APPLICATION NUMBER: 60/098716	4	PRIOR FILING DATE: 1998-09-17
4	PRIOR FILING DATE: 1998-09-01	5	PRIOR APPLICATION NUMBER: 60/101066
5	PRIOR APPLICATION NUMBER: 60/098723	6	PRIOR FILING DATE: 1998-09-18
6	PRIOR FILING DATE: 1998-09-01	7	PRIOR APPLICATION NUMBER: 60/101071
7	PRIOR APPLICATION NUMBER: 60/098749	8	PRIOR FILING DATE: 1998-09-18
8	PRIOR FILING DATE: 1998-09-01	9	PRIOR APPLICATION NUMBER: 60/101279
9	PRIOR APPLICATION NUMBER: 60/098750	10	PRIOR FILING DATE: 1998-09-22
10	PRIOR FILING DATE: 1998-09-01	11	PRIOR APPLICATION NUMBER: 60/101471
11	PRIOR APPLICATION NUMBER: 60/098803	12	PRIOR FILING DATE: 1998-09-23
12	PRIOR FILING DATE: 1998-09-02	13	PRIOR APPLICATION NUMBER: 60/101472
13	PRIOR APPLICATION NUMBER: 60/098821	14	PRIOR FILING DATE: 1998-09-23
14	PRIOR FILING DATE: 1998-09-02	15	PRIOR APPLICATION NUMBER: 60/101474
15	PRIOR APPLICATION NUMBER: 60/098843	16	PRIOR FILING DATE: 1998-09-23
16	PRIOR FILING DATE: 1998-09-02	17	PRIOR APPLICATION NUMBER: 60/101475
17	PRIOR APPLICATION NUMBER: 60/099536	18	PRIOR FILING DATE: 1998-09-23
18	PRIOR FILING DATE: 1998-09-09	19	PRIOR APPLICATION NUMBER: 60/101476
19	PRIOR APPLICATION NUMBER: 60/099596	20	PRIOR FILING DATE: 1998-09-23
20	PRIOR FILING DATE: 1998-09-09	21	PRIOR APPLICATION NUMBER: 60/101477
21	PRIOR APPLICATION NUMBER: 60/099598	22	PRIOR FILING DATE: 1998-09-23
22	PRIOR FILING DATE: 1998-09-09	23	PRIOR APPLICATION NUMBER: 60/101479
23	PRIOR APPLICATION NUMBER: 60/099602	24	PRIOR FILING DATE: 1998-09-23
24	PRIOR FILING DATE: 1998-09-09	25	PRIOR APPLICATION NUMBER: 60/101788
25	PRIOR APPLICATION NUMBER: 60/099642	26	PRIOR FILING DATE: 1998-09-24
26	PRIOR FILING DATE: 1998-09-09	27	PRIOR APPLICATION NUMBER: 60/101741
27	PRIOR APPLICATION NUMBER: 60/099741	28	PRIOR FILING DATE: 1998-09-24
28	PRIOR FILING DATE: 1998-09-10	29	PRIOR APPLICATION NUMBER: 60/101743
29	PRIOR APPLICATION NUMBER: 60/099754	30	PRIOR FILING DATE: 1998-09-24
30	PRIOR FILING DATE: 1998-09-10	31	PRIOR APPLICATION NUMBER: 60/101915
31	PRIOR APPLICATION NUMBER: 60/099763	32	PRIOR FILING DATE: 1998-09-24
32	PRIOR FILING DATE: 1998-09-10	33	PRIOR APPLICATION NUMBER: 60/101916
33	PRIOR APPLICATION NUMBER: 60/099792	34	PRIOR FILING DATE: 1998-09-24
34	PRIOR FILING DATE: 1998-09-10	35	PRIOR APPLICATION NUMBER: 60/102207
35	PRIOR APPLICATION NUMBER: 60/099808	36	PRIOR FILING DATE: 1998-09-29
36	PRIOR FILING DATE: 1998-09-10	37	PRIOR APPLICATION NUMBER: 60/102240
37	PRIOR APPLICATION NUMBER: 60/099812	38	PRIOR FILING DATE: 1998-09-29
38	PRIOR FILING DATE: 1998-09-10	39	PRIOR APPLICATION NUMBER: 60/102307
39	PRIOR APPLICATION NUMBER: 60/099815	40	PRIOR FILING DATE: 1998-09-29
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41	PRIOR APPLICATION NUMBER: 60/099816	42	PRIOR FILING DATE: 1998-09-29
42	PRIOR FILING DATE: 1998-09-10	43	PRIOR APPLICATION NUMBER: 60/102331
43	PRIOR APPLICATION NUMBER: 60/100385	44	PRIOR FILING DATE: 1998-09-29
44	PRIOR FILING DATE: 1998-09-15	45	PRIOR APPLICATION NUMBER: 60/102484
45	PRIOR APPLICATION NUMBER: 60/100388	46	PRIOR FILING DATE: 1998-09-30
46	PRIOR FILING DATE: 1998-09-15	47	PRIOR APPLICATION NUMBER: 60/102487
47	PRIOR APPLICATION NUMBER: 60/100390	48	PRIOR FILING DATE: 1998-09-30
48	PRIOR FILING DATE: 1998-09-15	49	PRIOR APPLICATION NUMBER: 60/102570
49	PRIOR APPLICATION NUMBER: 60/100584	50	PRIOR FILING DATE: 1998-09-30
50	PRIOR FILING DATE: 1998-09-16	51	PRIOR APPLICATION NUMBER: 60/102571
51	PRIOR APPLICATION NUMBER: 60/100627	52	PRIOR FILING DATE: 1998-09-30
52	PRIOR FILING DATE: 1998-09-16	53	PRIOR APPLICATION NUMBER: 60/102684
53	PRIOR APPLICATION NUMBER: 60/100661	54	PRIOR FILING DATE: 1998-10-01
54	PRIOR FILING DATE: 1998-09-16	55	PRIOR APPLICATION NUMBER: 60/102687
55	PRIOR APPLICATION NUMBER: 60/100662	56	PRIOR FILING DATE: 1998-10-01
56	PRIOR FILING DATE: 1998-09-16	57	PRIOR APPLICATION NUMBER: 60/102955
57	PRIOR APPLICATION NUMBER: 60/100664	58	PRIOR FILING DATE: 1998-10-02
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59	PRIOR APPLICATION NUMBER: 60/100683	60	PRIOR FILING DATE: 1998-10-06
60	PRIOR FILING DATE: 1998-09-17	61	PRIOR APPLICATION NUMBER: 60/103314
61	PRIOR APPLICATION NUMBER: 60/100684	62	PRIOR FILING DATE: 1998-10-07
62	PRIOR FILING DATE: 1998-09-17	63	PRIOR APPLICATION NUMBER: 60/103315
63	PRIOR APPLICATION NUMBER: 60/100710	64	PRIOR FILING DATE: 1998-10-07
64	PRIOR FILING DATE: 1998-09-17	65	PRIOR APPLICATION NUMBER: 60/103328
65	PRIOR APPLICATION NUMBER: 60/100711	66	PRIOR FILING DATE: 1998-10-07
66	PRIOR FILING DATE: 1998-09-17	67	PRIOR APPLICATION NUMBER: 60/103395
67	PRIOR APPLICATION NUMBER: 60/100848	68	PRIOR FILING DATE: 1998-10-07
68	PRIOR FILING DATE: 1998-09-18	69	PRIOR APPLICATION NUMBER: 60/103396
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; PRIOR FILING DATE: 1998-10-07
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; PRIOR FILING DATE: 1998-10-08
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; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
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; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4259 CTCCTCTCTGCACTGTCCTG 4280
DB      1 CTCCTCCACTGCTCTGTCGTG 22

```

```

RESULT 1441
US-10-015-388A-379
; Sequence 379, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane polypeptides and Nucleic
; FILE REFERENCE: P2830P1C44
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477

```

```

; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-379

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4259 CTCCTCTCTGCACTGTCCTG 4280
DB      1 CTCCTCCACTGCTCTGTCGTG 22

```

```

RESULT 1442
US-10-012-753A-379
; Sequence 379, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane polypeptides and Nucleic
; FILE REFERENCE: P2830P1C17
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-379

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4259 CTCCTCTCTGCACTGTCCTG 4280
DB      1 CTCCTCCACTGCTCTGTCGTG 22

```

```

RESULT 1443
US-10-015-385A-379
; Sequence 379, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey

```

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGCACTGTGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTGTGTGCTG 22
```

```

RESULT 1444
US-10-007-236A-379
; Sequence 379, Application US/10007236A
; Publication No. US2003019893A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGCACTGTGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTGTGTGCTG 22
```

```

RESULT 1445
US-10-015-389A-379
; Sequence 379, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGCACTGTGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTGTGTGCTG 22
```

```

RESULT 1446
US-10-015-519A-379
; Sequence 379, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTGCTG 22

RESULT 1447
US-10-013-915A-379
Sequence 379, Application US/10013915A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC37
CURRENT APPLICATION NUMBER: US/10/013,915A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTGCTG 22

RESULT 1448
US-10-015-394A-379
Sequence 379, Application US/10015394A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
```

```
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC41
CURRENT APPLICATION NUMBER: US/10/015,394A
CURRENT FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or Palm.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTGCTG 22

RESULT 1449
US-10-351-157-171/C
Sequence 171, Application US/10351157
Publication No. US2003021583A1
GENERAL INFORMATION:
APPLICANT: Sprecher, Cindy A.
APPLICANT: Gao, Zeren
APPLICANT: Kuiper, Joseph L.
APPLICANT: Dasovich, Maria M.
APPLICANT: Grant, Francis J.
APPLICANT: Presnell, Scott R.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Hammond, Angela K.
APPLICANT: No. US2003021583A1ak, Julia E.
APPLICANT: Gross, Jane A.
APPLICANT: Dillon, Stacey R.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
FILE REFERENCE: 02-02
CURRENT APPLICATION NUMBER: US/10/351,157
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US 60/435,361
PRIOR FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US 60/389,108
PRIOR FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: US 60/350,325
PRIOR FILING DATE: 2002-01-18
NUMBER OF SEQ ID NOS: 183
```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer ZC41500
US-10-351-157-171

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4465 TTTTTCCTCTGTCACGTGCTG 4280
Db       23 TTATTATGTTTATTATTTC 2

RESULT 1450
US-10-015-390A-379
; Sequence 379, Application US/10015390A
; Publication No. US2003021562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4259 CTCCTCTCTGTCACGTGCTG 4280
Db       1  CTGCTTCACGTCTGTGCTG 22

RESULT 1451
US-10-006-746A-379
; Sequence 379, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC5
; CURRENT APPLICATION NUMBER: US/10/006,746A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
```

;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100711
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100849
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100919
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100930
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101014
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101068
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101071
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101279
;; PRIOR FILING DATE: 1998-09-22
;; PRIOR APPLICATION NUMBER: 60/101471
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101472
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101474
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101475
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101476
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101477
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101479
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101738
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101741
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101743
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101915
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101916
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/102207
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102240
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102331
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102484
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102487
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102570
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
;; PRIOR FILING DATE: 1998-10-07

;; PRIOR APPLICATION NUMBER: 60/103328
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103395
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103396
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103449
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103633
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103678
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103679
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103711
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/104257
;; PRIOR FILING DATE: 1998-10-14
;; PRIOR APPLICATION NUMBER: 60/104987
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105000
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105002
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105104
;; PRIOR FILING DATE: 1998-10-21
;; PRIOR APPLICATION NUMBER: 60/105169
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105266
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105693
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105694
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105881
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACCTGCTCG 4280
DB 1 CTCCTCCACCTGCTGCTG 22

RESULT 1452
US-10-011-795A-379
; Sequence 379, Application US/10011795A
; Publication No. US20040005626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; PRIORITY FILING DATE: 2001-12-07
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCCTCCTCTGCACGTCTGCTG 4280
Db      1 CTGCTCTCACGTCTGCTGCTG 22

RESULT 1453
US-10-309-775A-13/C
; Sequence 13, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIORITY FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-13

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4467 TTTTGTGTGTGTGTGTGTGTGTGT 4488
Db      24 TTTTGTGTGTGTGTGTGTGTGTGT 3

RESULT 1454
US-10-012-231A-379
; Sequence 379, Application US/10012231A
; Publication No. US20040014130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C23
; CURRENT APPLICATION NUMBER: US/10/012,231A
; PRIORITY FILING DATE: 2002-06-10
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-231A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCCTCCTCTGCACGTCTGCTG 4280
Db      1 CTGCTCTCACGTCTGCTGCTG 22

RESULT 1455
US-10-179-940-187/C
; Sequence 187, Application US/10179940
; Publication No. US20040018618A1
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Barford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maïre H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polasz, Joseph O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carol M. Nielsen, Gardere Wynne Sewell LLP,
; STREET: 1601 Elm Street, Suite 3000
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-4761
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/179,940
; FILING DATE: 19-Jun-2002
; CLASSIFICATION: Unknown
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; APPLICATION NUMBER: US 08/411796
; FILING DATE: 09-APR-1995
; APPLICATION NUMBER: US 08/559390
; FILING DATE: 15-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Carol M. Nielsen
; REGISTRATION NUMBER: 37,676
; REFERENCE/DOCKET NUMBER: 126181-1056 (C2713/1)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 276-5383
```



```

; TELEFAX: (713)276-5555
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 187:
US-10-179-940-187

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CCGCGCGCGCAACGAGCGCTGC 69
DB 24 CAGCAGCGCGCAGCGGTGCTGC 3

RESULT 1456
US-10-429-160-110
; Sequence 110, Application US/10429160
; Publication No.: US20040023276A1
; GENERAL INFORMATION:
; APPLICANT: Ward, Teresa R
; APPLICANT: Lindsey, Peter S
; APPLICANT: Lund, Lund
; TITLE OF INVENTION: LXR Ligand Induced Genes and Proteins
; FILE REFERENCE: RS0200
; CURRENT APPLICATION NUMBER: US/10/429,160
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: US 60/377,714
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-429-160-110

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1810 GTGCGAGATACACTCTTGGA 1811
DB 1 GACGGTGCTACCTCTTGGA 22

RESULT 1457
US-10-664-422-332/c
; Sequence 332, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; FILE REFERENCE: USING SAME TO ASSES, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; CURRENT APPLICATION NUMBER: US/10/664,422
; PRIOR FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 332
; LENGTH: 24
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```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-422-332

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1346 GTCCCTGATGAAGATGCCAG 1367
DB 24 GTTACTGAGAGAGTGCAG 3

RESULT 1458
US-10-664-423-332/c
; Sequence 332, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; FILE REFERENCE: USING SAME TO ASSES, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; CURRENT APPLICATION NUMBER: US/10/664,423
; PRIOR FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 332
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-423-332

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1346 GTCCCTGATGAAGATGCCAG 1367
DB 24 GTTACTGAGAGAGTGCAG 3

RESULT 1459
US-10-477-726-37/c
; Sequence 37, Application US/10477726
; Publication No. US20040110231A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; APPLICANT: Screening method
; FILE REFERENCE: P02-0058PCT
; CURRENT APPLICATION NUMBER: US/10/477,726
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 2001-145411
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 37
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-477-726-37

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7414 AGCAGCAGCAGCAGCAGCA 7435

Db 23 AGCAGCAGCAGCAGCAGCA 2

RESULT 1460
US-10-374-307-8/c

; Sequence 8, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-8

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGGCTCACTCTC 5348

Db 23 TCTCTCTCTCTCTCTCTC 2

RESULT 1461
US-10-374-307-11
; Sequence 11, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-11

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGGCTCACTCTC 5348

Db 2 TCTCTCTCTCTCTCTCTC 23

RESULT 1462
US-10-746-264-21/c
; Sequence 21, Application US/10746264

; Publication No. US20040171106A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: Process for producing dipeptides
; FILE REFERENCE: 11524US1
; CURRENT APPLICATION NUMBER: US/10/746,264
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: JP 2002-376054
; PRIOR FILING DATE: 2002-12-26
; PRIOR APPLICATION NUMBER: JP 2003-420887
; PRIOR FILING DATE: 2003-12-18
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-746-264-21

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3788 CTTTCACATGACAGCTCG 3809

Db 22 CTGCAACATGAGATTCTTG 1

RESULT 1463
US-09-891-517-6/c
; Sequence 6, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOSOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-6

Query Match 0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4022 AAAAGAGAAACAAATGTTATTTAT 4051

Db 30 AAAAATAAATAAATAAATAAATAAATATAT 1

```
RESULT 1464
US-09-891-517-7/c
; Sequence 7, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-7

Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAACAAATGTTATTT 4047
DB 30 AAAAAAAAAACAAACAAATATATATAT 1

RESULT 1465
US-10-683-386-5/c
; Sequence 5, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
```

```
US-10-683-386-5
Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4022 AAAAGAGAAACAAATGTTATTTAT 4051
DB 30 AAAAAAAAAACAAACAAATATATATAT 1

RESULT 1466
US-10-683-386-6/c
; Sequence 6, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-6

Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAACAAATGTTATTT 4047
DB 30 AAAAAAAAAACAAACAAATATATATAT 1

RESULT 1467
US-10-683-386-7/c
; Sequence 7, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
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; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-7
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```
Query Match      0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
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QY      4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047
DB      30 AAAAAAAAAAAAAACAAATAATATATAT 1
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```
RESULT 1468
US-10-209-608-5/c
; Sequence 5, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-5
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
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QY      4022 AAAAGAGAGAAAACAAATGTTATTTAT 4051
DB      30 AAAAAAAAAAAAAACAAATAATATATAT 1
```

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RESULT 1469
US-10-209-608-6/c
; Sequence 6, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
```

```
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-6
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```
Query Match      0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
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QY      4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047
DB      30 AAAAAAAAAAAAAACAAATAATATATAT 1
```

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RESULT 1470
US-10-209-608-7/c
; Sequence 7, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-7
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
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```
QY      4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047
DB      30 AAAAAAAAAAAAAACAAATAATATATAT 1
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Db          30 AAAAAAAAAACAAAAAATATATAT 1

RESULT 1471
US-09-927-046-1043
; Sequence 1043, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grube, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channels
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1043

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 8.7e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY          5015 GAGGAGCTCTGGAGAGAG 5031
Db          1 GCGGAGCUCGAGAGAG 17

RESULT 1472
US-10-156-306-521
; Sequence 521, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to the Inhibition of Calcium Channels
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-521

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. NO. 8.7e+02;
Matches 0; Conservative 16; Mismatches 1; Indels 0; Gaps 0;

OY          4464 TTTT TTTT TTTT TTTT TTTT 4480
Db          1 UUCUUUUUUUUUUUU 17

RESULT 1473
US-10-156-306-2322
; Sequence 2322, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James

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    TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
    ; FILE REFERENCE: MEBH01-664-A (400/050)
    ; CURRENT FILING DATE: 2002-05-28
    ; NUMBER OF SEQ ID NOS: 8013
    ; SOFTWARE: PatentIn version 3.0
    ; SEQ ID NO 2322
    ; LENGTH: 17
    ; TYPE: RNA
    ; ORGANISM: Homo sapiens
US-10-156-306-2322

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.7e+02;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      5584 TTGGTCATGTGATTG 5600
        :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|
Db       1 UGGCUCAGUGGAUUG 17

RESULT 1474
US-10-156-306-3639
; Sequence 3639, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MEBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3639
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3639

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.7e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      5583 TTGGCTCATGTGATT 5599
        ::||:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|
Db       1 UGGCUCAGUGGAUUU 17

RESULT 1475
US-10-156-306-4918
; Sequence 4918, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MEBH01-664-A (400/050)
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4918
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4918

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;

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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 7421 GCAGCAGCAGCAGCA 7437
|||
Db 1 GCUGCAGCAGCAGCA 17

RESULT 1476
US-10-138-674-1408/c
; Sequence 1408, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1408

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3324 GATGTTTAATGGGTC 3340
|||
Db 17 GATGTTTAACGGGTC 1

RESULT 1477
US-10-138-674-5562
; Sequence 5562, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5562

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.7e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCTTAACGCG 3982
|||
Db 1 AAUAUUUCUUAUUGGG 17

RESULT 1478
US-10-138-674-9252

; Sequence 9252, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9252
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-9252

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.7e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2824 CTTTCCAGCCGCCAGGA 2840
|||
Db 1 CUUGCCAGCCGCCAGGA 17

RESULT 1479
US-10-287-949A-1408/c
; Sequence 1408, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1408

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3324 GATGTTTAATGGGTC 3340
|||
Db 17 GATGTTTAACGGGTC 1

RESULT 1480
US-10-287-949A-5562
; Sequence 5562, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

```

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5562

Query Match
Best Local Similarity 52.9%; Score 15.4; DB 1; Length 17;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTCTTAAGTGGG 3982
DB 1 AAUUAUUUUUAAUUGGG 17

RESULT 1481
US-10-287-949A-9252
; Sequence 9252, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9252
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-9252

Query Match
Best Local Similarity 82.4%; Score 15.4; DB 1; Length 17;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2824 CTTCCAGCCCCAGGA 2840
DB 1 CUUGCCAGCCCCAGGA 17

RESULT 1482
US-10-628-109-138/c
; Sequence 138, Application US/10628109
; Publication No. US2004010186A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Fredericksen, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Maruyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
```

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; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 138
; LENGTH: 17
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-628-109-138

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCCAGGAGCTGTGC 2847
DB 17 AGCCCCAGGAGCTGAGC 17

RESULT 1483
US-10-735-592-11
; Sequence 11, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037, 70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-11

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4468 TTTTITTTTTTTTTTG 4484
DB 1 TTTTITTTTTTTTTTTCG 17

RESULT 1484
US-10-735-592-12
; Sequence 12, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037, 70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-12

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 4463 CTTTTTTTTTTTTTTT 4479
Db 1 CTTTTTTTTTTTTTTT 17

RESULT 1485
US-10-735-592-14
; Sequence 14, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-14

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 4462 ACTTTTTTTTTTTTTT 4478
Db 1 ACGTTTTTTTTTTTTT 17

RESULT 1486
US-10-735-592-17
; Sequence 17, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-17

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 4464 TTTTTTTTTTTTTTTT 4480
Db 1 TTGTTTTTTTTTTTTT 17

RESULT 1487
US-10-735-592-56
; Sequence 56, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
```

```
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-56

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 4464 TTTTTTTTTTTTTTTT 4480
Db 1 TUGTTTTTTTTTTTTT 17

RESULT 1488
US-09-774-381-17
; Sequence 17, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Pan, Yang
; APPLICANT: Geating, David P.
; TITLE OF INVENTION: NOVEL EDIFR, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
; FILE REFERENCE: MNI-107CP2
; CURRENT APPLICATION NUMBER: US/09/774.381
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 08/941.354
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/010.674
; PRIOR FILING DATE: 1998-01-22
; PRIOR APPLICATION NUMBER: 60/061.149
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/014.347
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 60/061.159
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/474.151
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 09/004.206
; PRIOR FILING DATE: 1998-01-08
; PRIOR APPLICATION NUMBER: 60/061.143
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/483.414
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 09/213.571
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994.890
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-774-381-17

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


QY 4994 GCCCAGCTGAGACAG 5010
DB 1 GCCCAGCTGAGACAG 17

RESULT 1489

US-10-065-200A-48/C
Sequence 48, Application US/10065200A
Publication No. US20030064478A1
GENERAL INFORMATION:
APPLICANT: Mienewski, Nancy
APPLICANT: Becher, Anna M.
APPLICANT: Jarvis, Eric
TITLE OF INVENTION: NOVEL FLEA ECDYSONE AND ULTRASPINDLE NUCLEIC ACID MOLECULES, PRO
FILE REFERENCE: FC-4-1
CURRENT APPLICATION NUMBER: US/10/065,200A
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: 09/435,019
PRIOR FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: 60/107,559
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-10-065-200A-48

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5045 GAGCCACATTCCTTAC 5061

DB 17 GAGCCACATTCCTTAC 1

RESULT 1490

US-09-775-479-8/C
Sequence 8, Application US/09775479
Publication No. US20040067197A1
GENERAL INFORMATION:
APPLICANT: LECTERC, Guy
APPLICANT: MARTEL, R. M.
TITLE OF INVENTION: RADIO-LABELLED DNA CARRIER, METHOD OF
TITLE OF INVENTION: RADIO-LABELLED DNA CARRIER, METHOD OF PREPARATION AND
FILE REFERENCE: 12168-1US-2
CURRENT APPLICATION NUMBER: US/09/775,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 09/318,106
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 08/756,728
PRIOR FILING DATE: 1996-11-26
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 8
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-09-775-479-8

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTT 4478
DB 17 ACTTTTCTTTTCTTTT 1

RESULT 1491

US-10-156-487A-11
Sequence 11, Application US/10156487A
Publication No. US20030092025A1
GENERAL INFORMATION:
APPLICANT: Juan, Todd
APPLICANT: Bass, Michael B.
APPLICANT: Oliner, John
TITLE OF INVENTION: Tumor Endothelial Marker 7a Molecules and Uses Thereof
FILE REFERENCE: 01-072-A
CURRENT APPLICATION NUMBER: US/10/156,487A
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 60/293,852
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-156-487A-11

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1614 CTTCAAGACGAGCTGC 1630

DB 2 CTTCAAGACGAGCTGC 18

RESULT 1492

US-10-143-266-4
Sequence 4, Application US/10143266
Publication No. US20030108887A1
GENERAL INFORMATION:
APPLICANT: Rannum, Laura
APPLICANT: Day, John
TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
FILE REFERENCE: 110-015803.01
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 60/337,831
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 18
TYPE: DNA
ORGANISM: homo sapiens
US-10-143-266-4

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5801 TGCTGCTGCTGCTGCT 5817

DB 1 TGCTGCTGCTGCTGCT 17

RESULT 1493
US-10-197-293-18
; Sequence 18, Application US/10197293
; Publication No. US20030171547A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-49c1
; CURRENT APPLICATION NUMBER: US/10/197,293
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US 09/686,838
; PRIOR FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 09/140,804
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/056,983
; PRIOR FILING DATE: 1997-08-26
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15002
US-10-197-293-18

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2875 AGGAGGTGGGTAGG 2891
Db 1 AGGAGGTGGGTAGG 17

RESULT 1494
US-10-436-231-1
; Sequence 1, Application US/10436231
; Publication No. US20040175704A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorige, Joseph A
; APPLICANT: Filtmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-1

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7408 AACATCAGCAGCAGCAG 7424
Db 2 AACAGCAGCAGCAGCAG 18

RESULT 1495
US-10-436-231-2/c
; Sequence 2, Application US/10436231
; Publication No. US20040175704A1

; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorige, Joseph A
; APPLICANT: Filtmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-2

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7408 AACATCAGCAGCAGCAG 7424
Db 17 AACAGCAGCAGCAGCAG 1

RESULT 1496
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. US20020068286A1
; GENERAL INFORMATION:
; APPLICANT: Kleya, Patrick W.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennile & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 39;
US-09-814-986-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CCTGCTGCTGCTCTCT 5811
DB 19 CTGCTGCTGCTCTCT 3

RESULT 1497
US-10-185-083-47

Sequence 47, Application US/10185083
Publication No. US20030050467A1
GENERAL INFORMATION:
APPLICANT: Memorial Sloan Kettering Cancer Center
APPLICANT: Pasternak, Gavril
APPLICANT: Pan, Ying-Xian
TITLE OF INVENTION: Multiple Splice Variants of the Mu-Opioid Receptor Gene
FILE REFERENCE: 830002-2007.1
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: 60/302,072
PRIOR FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 53/
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 19
TYPE: DNA
ORGANISM: Mus Sp.
US-10-185-083-47

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5649 CCCGAGCTCATCTCTCT 5665
DB 3 CCCGAGCTCTCTCTCT 19

RESULT 1498
US-10-194-595-47
Sequence 47, Application US/10194595
Publication No. US20030068805A1
GENERAL INFORMATION:
APPLICANT: Memorial Sloan Kettering Cancer Center
APPLICANT: Pasternak, Gavril
APPLICANT: Pan, Ying-Xian
TITLE OF INVENTION: Multiple Splice Variants of the Mu-Opioid Receptor Gene
FILE REFERENCE: 830002-2007.1
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: US/10/194,595
PRIOR FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: 60/302,072
PRIOR FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 19
TYPE: DNA
ORGANISM: Mus Sp.
US-10-194-595-47

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 3 CCCGAGCTCTCTCTCT 19

RESULT 1499

US-10-345-092-48
Sequence 48, Application US/10345092
Publication No. US20030165506A1
GENERAL INFORMATION:
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: No. US20030165506A1e1 alpha-catenin expressed in heart and testis
FILE REFERENCE: FVR/atc/V067
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: US/10/345,092
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/218,309
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 134
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: loower primer
US-10-345-092-48

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6972 GAGCTAAAACAAACA 6988
DB 3 GAGCCAAAACAAACA 19

RESULT 1500
US-09-779-086-3/c
Sequence 3, Application US/09779086
Patent No. US20010049349A1
GENERAL INFORMATION:
APPLICANT: Chinery, Rebecca
APPLICANT: Beauchamp, Daniel R.
APPLICANT: Coffey, Robert J.
APPLICANT: Medford, Russell M.
APPLICANT: Wadzinski, Brian
TITLE OF INVENTION: Antioxidant Enhancement of Therapy for
FILE REFERENCE: ATH 108 CONT
CURRENT APPLICATION NUMBER: US/09/779,086
CURRENT FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 08/967,492
PRIOR FILING DATE: 1997-11-11
PRIOR APPLICATION NUMBER: 08/886,653
PRIOR FILING DATE: 1997-07-01
PRIOR APPLICATION NUMBER: 09/108,609
PRIOR FILING DATE: 1998-07-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-779-086-3

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3963 TTCATATTCTTAAGT 3979
DB 19 TTCATATTCTTAAGT 3

```

RESULT 1501
US-09-779-086-4
; Sequence 4, Application US/09779086
; Patent No. US20010049349A1
; GENERAL INFORMATION:
; APPLICANT: Chinery, Rebecca
; APPLICANT: Beauchamp, Daniel R.
; APPLICANT: Coffey, Robert J.
; APPLICANT: Medford, Russell M.
; APPLICANT: Wadzinski, Brian
; TITLE OF INVENTION: Antioxidant Enhancement of Therapy for
; TITLE OF INVENTION: Hyperproliferative Conditions
; FILE REFERENCE: ATN 108 CON1
; CURRENT APPLICATION NUMBER: US/09/779.086
; CURRENT FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 08/967,492
; PRIOR FILING DATE: 1997-11-11
; PRIOR APPLICATION NUMBER: 08/866,653
; PRIOR FILING DATE: 1997-07-01
; PRIOR APPLICATION NUMBER: 09/108,609
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-779-086-4

```

	Query Match	Score	DB 1	Length
	Best Local Similarity	94.1%	Pred. No. 1,1e+03	20;
	Matches	16;	Conservative	0;
			Mismatches	1;
			Indels	0;
			Gaps	0;
QY	3963	TTCAATATTTCTTAACT	3979	
Db	2	TTCAATATTTCTTAACT	18	

```

RESULT 1502
US-09-802-669-177/c
Sequence 177, Application US/09802669
Patent No. US2002004490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 177
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-802-669-177

```

```

Query Match          0.2%; Score 15.4; DB 1; length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6821 TTTCGCTTTCGCTT 6837
|||||

```

```

Db          17 TTCTGTTCTCTT 1

RESULT 1503
US-09-903-413-8
; Sequence 8, Application US/09903413
; Patent No. US20020160373A1
; GENERAL INFORMATION:
; APPLICANT: Avery, Anne C.
; APPLICANT: Burnett, Robert
; TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
; TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
; FILE REFERENCE: DI-14
; CURRENT APPLICATION NUMBER: US/09/903,413
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,611
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-903-413-8

```

Query Match	0.2%	Score 15.4	DB 1	Length 20
Best Local Similarity	94.1%	Pred. No. 1.1e+03		
Matches 16, Conservative	0	Mismatches 1	Indels 0	Gaps 0
QY	7068	TTGTTGAATGCACCTGAG	7084	
Db	3	TTGTTGAATGCACCTGAG	19	

```

101  RESULT 1504
102  US-09-900-425A-14/C
103  ; Sequence 14, Application US/09900425A
104  ; Patent No. US20020164601A1
105  ; GENERAL INFORMATION:
106  ; APPLICANT: Wu, Hongjiang
107  ; APPLICANT: Crooke, Stanley T.
108  ; TITLE OF INVENTION: Human RNase III and Compositions and Uses Thereof
109  ; FILE REFERENCE: 15PH-0522
110  ; CURRENT APPLICATION NUMBER: US/09/900,425A
111  ; CURRENT FILING DATE: 2002-01-29
112  ; PRIOR APPLICATION NUMBER: US 09/479,763
113  ; PRIOR FILING DATE: 2000-01-07
114  ; PRIOR APPLICATION NUMBER: US 08/870,608
115  ; PRIOR FILING DATE: 1997-06-06
116  ; PRIOR APPLICATION NUMBER: US 80/659,440
117  ; PRIOR FILING DATE: 1996-06-06
118  ; NUMBER OF SEQ ID NOS: 36
119  ; SOFTWARE: PatentIn version 3.1
120  ; SEQ ID NO 14
121  ; LENGTH: 20
122  ; TYPE: DNA
123  ; ORGANISM: Artificial Sequence
124  ; FEATURE:
125  ; OTHER INFORMATION: Synthetic
126  US-09-900-425A-14

```

	Query Match	Similarity	Score	DB 1	Length	DB 2	DB 3
Best Local	18	94.1%	15.4	1	20	1	20
Matches	16	Conservative	0	Mismatches	1	Indels	0
Gaps	0						
Qy	6992	TGAGGTGGGAAAGGAG	7008				
Db	20	TGAGGTGGGAAAGGAG	4				

RESULT 1505
US-09-784-674-728
Sequence 728, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delestatarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
FAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 728:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 728:
US-09-784-674-728
Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5698 TTTTCCTTCCTTTCC 5714
DB 4 TTTTCCTTCCTTTCC 20
RESULT 1506
US-09-784-674-729
Sequence 729, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delestatarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences

NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
FAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 729:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 729:
US-09-784-674-729
Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5698 TTTTCCTTCCTTTCC 5714
DB 3 TTTTCCTTCCTTTCC 19
RESULT 1507
US-09-784-674-730
Sequence 730, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delestatarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 730:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 730:
US-09-784-674-730

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5698 TTTGGCTTCCTTTCC 5714
Db 2 TTTCCCTTCCTTTCC 18

RESULT 1508
US-09-784-674-731
Sequence 731, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolbert, Paul K.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSER: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 731:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 731:
US-09-784-674-731

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5698 TTTGGCTTCCTTTCC 5714
Db 1 TTTCCCTTCCTTTCC 17

RESULT 1509
US-09-917-963-98/c
Sequence 98, Application US/09917963
Publication No. US20030086912A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 98
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-917-963-98

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5548 GCATGCAGATGAGAG 5564
Db 20 GCATGCAGATGAGAG 4

RESULT 1510
US-09-899-440-3
Sequence 3, Application US/09899440
Publication No. US20030092158A1
GENERAL INFORMATION:
APPLICANT: Stein, Cy
TITLE OF INVENTION: PHOSPHOROTHIATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
FILE REFERENCE: 0575/63180
CURRENT APPLICATION NUMBER: US/09/899,440
CURRENT FILING DATE: 2001-07-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature

/ LOCATION: ()..()
 / OTHER INFORMATION: antisense oligonucleotide LB65
 US-09-899-440-3

Query Match 0.2%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCACA 7429
 DB 4 CAGCAGCAGCAGCACA 20

RESULT 1511
 US-09-972-607-36/C
 / Sequence 36, Application US/09972607
 / Publication No. US20030105037A1
 / GENERAL INFORMATION:
 / APPLICANT: Brett P. Monia
 / APPLICANT: Jacqueline Wyatt
 / TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
 / FILE REFERENCE: RTS-0191
 / CURRENT FILING DATE: 2001-10-06
 / NUMBER OF SEQ ID NOS: 88
 / SEQ ID NO 36
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Antisense Oligonucleotide
 US-09-972-607-36

Query Match 0.2%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7421 GCAGCAGCAGCACA 7437
 DB 17 GCTGCAGCAGCAGCACA 1

RESULT 1512
 US-09-792-616-5/C
 / Sequence 5, Application US/09792616
 / Publication No. US20030165828A1
 / GENERAL INFORMATION:
 / APPLICANT: PXE International, Inc.
 / APPLICANT: University of Hawaii
 / TITLE OF INVENTION: Mutations in a gene encoding an ABC transporter (MRP6) causing
 / FILE REFERENCE: PXE-001
 / CURRENT APPLICATION NUMBER: US/09/792,616
 / NUMBER OF SEQ ID NOS: 27
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO 5
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial
 / FEATURE:
 / OTHER INFORMATION: PCR primer for ABCC6
 US-09-792-616-5

Query Match 0.2%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 467 TTGCTGATCGCAGCCT 483
 DB 19 TTGCTGATCGCAGCCT 3

RESULT 1513
 US-10-087-684-129/C
 / Sequence 129, Application US/10087684
 / Publication No. US20040029116A1
 / GENERAL INFORMATION:
 / APPLICANT: Edinger, Shlomit R.
 / APPLICANT: MacDougall, John R.
 / APPLICANT: Miller, Isabelle
 / APPLICANT: Ellerman, Karen
 / APPLICANT: Stone, David J.
 / APPLICANT: Grose, William M.
 / APPLICANT: Lepley, Denise M.
 / APPLICANT: Rieger, Daniel K.
 / APPLICANT: Burgess, Catherine E.
 / APPLICANT: Casman, Stacie, J.
 / APPLICANT: Spytek, Kimberly A.
 / APPLICANT: Boldog, Ferenc L.
 / APPLICANT: Li, Li
 / APPLICANT: Padigaru, Muralidhara
 / APPLICANT: Mishra, Vishnu
 / APPLICANT: Shenoy, Suresh G.
 / APPLICANT: Rastelli, Luca
 / APPLICANT: Tchernev, Velizar T.
 / APPLICANT: Vernet, Corine A.M.
 / APPLICANT: Zernusen, Bryan D.
 / APPLICANT: Malysankar, Uriel M.
 / APPLICANT: Guo, Xiaojia
 / APPLICANT: Miller, Charles E.
 / APPLICANT: Gangolli, Esha A.
 / TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 / FILE REFERENCE: 21402-214 CIP
 / CURRENT APPLICATION NUMBER: US/10/087,684
 / CURRENT FILING DATE: 2003-03-10
 / PRIOR APPLICATION NUMBER: 60/253,834
 / PRIOR FILING DATE: 2000-11-29
 / PRIOR APPLICATION NUMBER: 60/250,926
 / PRIOR FILING DATE: 2000-11-30
 / PRIOR APPLICATION NUMBER: 60/264,180
 / PRIOR FILING DATE: 2001-01-25
 / PRIOR APPLICATION NUMBER: 60/274,194
 / PRIOR FILING DATE: 2001-03-08
 / PRIOR APPLICATION NUMBER: 60/313,656
 / PRIOR FILING DATE: 2001-08-20
 / PRIOR APPLICATION NUMBER: 60/327,456
 / PRIOR FILING DATE: 2001-10-05
 / NUMBER OF SEQ ID NOS: 220
 / SOFTWARE: CuiaseqList version 0.1
 / SEQ ID NO 129
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
 US-10-087-684-129

Query Match 0.2%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7423 AGCAGCAGCAGCACA 7439
 DB 20 AGCAGCAGCAGCACCAT 4

RESULT 1514
 US-10-218-779-129/C
 / Sequence 129, Application US/10218779
 / Publication No. US20040029222A1
 / GENERAL INFORMATION:
 / APPLICANT: Edinger, Shlomit
 / APPLICANT: MacDougall, John
 / APPLICANT: Miller, Isabelle
 / APPLICANT: Ellerman, Karen

```
/ APPLICANT: Stone, David
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Grosse, William
/ APPLICANT: Alsobrook II, John
/ APPLICANT: Lepley, Denise
/ APPLICANT: Rieger, Daniel
/ APPLICANT: Burgess, Catherine
/ APPLICANT: Caeman, Stacie
/ APPLICANT: Spytek, Kimberly
/ APPLICANT: Boldog, Perenc
/ APPLICANT: Li, Li
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Mishra, Vishnu
/ APPLICANT: Paturajan, Meera
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Raetelli, Luca
/ APPLICANT: Tchernev, Velizar
/ APPLICANT: Verneet, Corine
/ APPLICANT: Zerhusen, Bryan
/ APPLICANT: Malyankar, Urfel
/ APPLICANT: Guo, Xiaojia
/ APPLICANT: Miller, Charles
/ APPLICANT: Gangoli, Esna
/ TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-214
/ CURRENT APPLICATION NUMBER: US/10/218,779
/ CURRENT FILING DATE: 2002-08-14
/ PRIOR APPLICATION NUMBER: 60/253,834
/ PRIOR FILING DATE: 2000-11-29
/ PRIOR APPLICATION NUMBER: 60/250,-926
/ PRIOR FILING DATE: 2000-11-30
/ PRIOR APPLICATION NUMBER: 60/264,180
/ PRIOR FILING DATE: 2001-01-25
/ PRIOR APPLICATION NUMBER: 60/313,656
/ PRIOR FILING DATE: 2001-08-20
/ PRIOR APPLICATION NUMBER: 60/327,456
/ PRIOR FILING DATE: 2001-10-05
/ NUMBER OF SEQ ID NOS: 216
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 129
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: chemically
US-10-218-779-129

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7423 AGCAGCAGCAGCACCAT 7439
Db      20 AGCAGCAGCAGCACCAT 4

RESULT 1515
US-10-619-220-177/c
/ Sequence 177, Application US/10619220
/ Publication No. US2004003979A1
/ GENERAL INFORMATION:
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Marcuseon, Eric G.
/ APPLICANT: Wyatt, Jacqueline
/ APPLICANT: Zhang, Hong
/ TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
/ FILE REFERENCE: ISPH-545
/ CURRENT APPLICATION NUMBER: US/10/619,220
/ CURRENT FILING DATE: 2003-07-14
/ PRIOR APPLICATION NUMBER: 09/802,669
/ PRIOR FILING DATE: 2001-03-01
/ PRIOR APPLICATION NUMBER: US 09/665,615
```

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/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: US 09/290,640
/ PRIOR FILING DATE: 1999-04-12
/ NUMBER OF SEQ ID NOS: 180
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 177
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-619-220-177

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6821 TTTCGTGTTTCGCTTT 6837
Db      17 TTTCGTGTTTCGCTTT 1

RESULT 1516
US-10-160-497-41/c
/ Sequence 41, Application US/10160497
/ Publication No. US2003022451A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Doble
/ APPLICANT: Erich Koller
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
/ FILE REFERENCE: RTS-0386
/ CURRENT APPLICATION NUMBER: US/10/160,497
/ CURRENT FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 145
/ SEQ ID NO 41
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-497-41

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5008 CAGATGAGGAGGCTCTG 5024
Db      18 CAGATGAGGAGGCTCTG 2

RESULT 1517
US-10-160-497-108
/ Sequence 108, Application US/10160497
/ Publication No. US2003022451A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Doble
/ APPLICANT: Erich Koller
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
/ FILE REFERENCE: RTS-0386
/ CURRENT APPLICATION NUMBER: US/10/160,497
/ CURRENT FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 145
/ SEQ ID NO 108
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-160-497-108

Query Match          0.2%; Score 15.4; DB 1; Length 20;
```



```
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; TITLE OF INVENTION: Human RNase III And Compositions And Uses Thereof
; FILE REFERENCE: ISIS5030
; CURRENT APPLICATION NUMBER: US/10/079,185
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 09/479,783
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: 08/870,608
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 08/659,440
; PRIOR FILING DATE: 1996-06-06
; PRIOR APPLICATION NUMBER: 09/900,425
; PRIOR FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-079-185-14
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6992 TGAGGTGGGAAAGGAG 7008
Db       20 TGAGGTGGGAAAGAGAG 4
```

```
RESULT 1523
US-10-209-609-16/c
; Sequence 16, Application US/10209609
; Publication No. US20030099978A1
; GENERAL INFORMATION:
; APPLICANT: Tsui, Shoji
; TITLE OF INVENTION: APPLICATION OF APPRAXIN GENE TO DIAGNOSIS AND TREATMENT FOR EARL
; FILE REFERENCE: 220732USO
; CURRENT APPLICATION NUMBER: US/10/209,609
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: JP 2001/279719
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-10-209-609-16
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5105 TCCATTGCTTCATATA 5121
Db       17 TCCATTGCTTCCTATA 1
```

```
RESULT 1524
US-10-148-835-64/c
; Sequence 64, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
```

```
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide primer for PCR
US-10-148-835-64
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4957 CCTGTGCTACAGCAT 4973
Db       17 CCTGTGCTACATCAT 1
```

```
RESULT 1525
US-10-349-143-6348/c
; Sequence 6348, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6348
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer bind
; FEATURE:
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10887 for SEQ 2414,
US-10-349-143-6348
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1679 TCTGCAATATGCACAG 1695
Db       18 TCTGCAATATCCACAG 2
```

```
RESULT 1526
US-10-190-366-39/c
; Sequence 39, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
```

;; CURRENT FILING DATE: 2002-07-02
;; NUMBER OF SEQ ID NOS: 409
;; SEQ ID NO 39
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-39

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CCTGCTCAAGTTGG 1199
|||
19 CCCAGCTCAAGTTGG 3

Db 19 CCCAGCTCAAGTTGG 3

RESULT 1527
US-10-190-366-236
; Sequence 236, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-190-366-236

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CCTGCTCAAGTTGG 1199
|||
19 CCCAGCTCAAGTTGG 18

Db 2 CCCAGCTCAAGTTGG 18

RESULT 1528
US-10-212-993-14/C
; Sequence 14, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-14

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5753 ATTCACTGCTTGCTT 5769
|||
18 ATTCACTGCTTGCTT 2

Db 18 ATTCACTGCTTGCTT 2

RESULT 1529
US-10-212-993-86
; Sequence 86, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-212-993-86

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5753 ATTCACTGCTTGCTT 5769
|||
3 ATTCACTGCTTGCTT 19

Db 3 ATTCACTGCTTGCTT 19

RESULT 1530
US-10-628-841-36/C
; Sequence 36, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-36

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7421 GCAGCAGCAGCAGCA 7437
|||
17 GCTGAGCAGCAGCAGCA 1

Db 17 GCTGAGCAGCAGCAGCA 1

RESULT 1531
US-10-304-111-35/C
; Sequence 35, Application US/10304111
; Publication No. US20040102403A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie

```
; TITLE OF INVENTION: MODULATION OF FIBRILLARIN EXPRESSION
; FILE REFERENCE: HTS-0075
; CURRENT APPLICATION NUMBER: US/10/304,111
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-111-35

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5900 ACCAAGAACTGTCTCC 5916
Db      17 ACCAAGAACTGTCTCC 1

RESULT 1532
US-10-317-277A-49/C
; Sequence 49, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: PTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-49

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4908 TTATGAGAAAGCATCA 4924
Db      18 TTCTGAGAAAGCATCA 2

RESULT 1533
US-10-317-277A-125
; Sequence 125, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: PTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-125

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      4908 TTATGAGAAAGCATCA 4924
Db      3 TTCTGAGAAAGCATCA 19

RESULT 1534
US-10-317-478-18
; Sequence 18, Application US/10317478
; Publication No. US20040115636A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: MODULATION OF INTERLEUKIN 18 EXPRESSION
; FILE REFERENCE: PTS-0025
; CURRENT APPLICATION NUMBER: US/10/317,478
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-478-18

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5278 AGCAGGTGCAGCCTCT 5294
Db      2 AGCAGGTGCAGCCTCT 18

RESULT 1535
US-10-318-389-66
; Sequence 66, Application US/10318389
; Publication No. US20040121328A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 8A EXPRESSION
; FILE REFERENCE: PTS-0062
; CURRENT APPLICATION NUMBER: US/10/318,389
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-389-66

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3247 AGCCTTATCAAGAAAG 3263
Db      1 AGCCTCAATCAGAAAG 17

RESULT 1536
US-10-774-974-14/C
; Sequence 14, Application US/10774974
; Publication No. US20040126867A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Crooke, Stanley T.
; FILE REFERENCE: ISIS029/ISPH-0522
; CURRENT APPLICATION NUMBER: US/10/774,974
```

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/ CURRENT FILING DATE: 2004-02-09
/ PRIOR APPLICATION NUMBER: US/09/900,425B
/ PRIOR FILING DATE: 2001-07-06
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-774-974-14

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6992 TGAGGTGGGAAAGGAG 7008
DB      20 TGAGGTGGGAAAGAG 4

RESULT 1537
US-10-671-395-938
/ Sequence 938, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Glaxo, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 938
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-938

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4470 TTTT TTTT TTTT TTTT TTTT GTC 4486
DB      1 TTTT TTTT TTTT TTTT TTTT GGC 17

RESULT 1538
US-10-728-399-273
/ Sequence 273, Application US/10728399
/ Publication No. US20040132078A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Colce, Jerry
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION
/ FILE REFERENCE: 01455_1
/ CURRENT APPLICATION NUMBER: US/10/728,399
/ CURRENT FILING DATE: 2003-12-05
/ NUMBER OF SEQ ID NOS: 627
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 273
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
```

```
/ OTHER INFORMATION: human mtDNA antisense
US-10-728-399-273

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4480
DB      1 TTTT TTTT TTTT TTTT TTTT TTTT 17

RESULT 1539
US-10-764-328-5/C
/ Sequence 5, Application US/10764328
/ Publication No. US20040166521A1
/ GENERAL INFORMATION:
/ APPLICANT: PKE International, Inc.
/ APPLICANT: University of Hawaii
/ TITLE OF INVENTION: Mutations in a gene encoding an ABC transporter (MRP6) causing
/ FILE REFERENCE: PKE-001PC
/ CURRENT APPLICATION NUMBER: US/10/764,328
/ CURRENT FILING DATE: 2004-01-23
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: PCR primer for ABC6
US-10-764-328-5

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      467 TTGGTGATGCCAAGCCT 483
DB      19 TTGGTGATGCCAAGCCT 3

RESULT 1540
US-10-731-739-575
/ Sequence 575, Application US/10731739
/ Publication No. US20040176582A1
/ GENERAL INFORMATION:
/ APPLICANT: Canali, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Becker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/10/731,739
/ CURRENT FILING DATE: 2003-12-10
/ PRIOR APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 575
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-731-739-575

Query Match      0.2%; Score 15.4; DB 1; Length 20;
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Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6960 AGGGGAAGGATGAGCT 6976
Db 1 AGGGGAAGGATGTGCT 17

RESULT 1541
US-10-805-919-14/c
; Sequence 14, Application US/10805919
; Publication No. US20040175828A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Hongjiang
; APPLICANT: Crooke, Stanley T.
; TITLE OF INVENTION: Human RNase III and Compositions and Uses Thereof
; FILE REFERENCE: ISPH-0522
; CURRENT APPLICATION NUMBER: US/10/805,919
; CURRENT FILING DATE: 2004-03-22
; PRIOR APPLICATION NUMBER: US/09/900,425
; PRIOR FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: US 09/479,783
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 08/870,608
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: US 80/659,440
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-805-919-14

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6992 TGAGGTGGGAAAGGAG 7008
Db 20 TGAGGTGGGAAAGAGAG 4

RESULT 1542
US-10-476-021-46/c
; Sequence 46, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5032 GCAGCTCACTGAGAGC 5048

Db 19 GCAGCTCCTGAGAGC 3

RESULT 1543
US-10-380-195A-2
; Sequence 2, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; FILE REFERENCE: UBC P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-2

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCA 7429
Db 5 CAGTACGACGACGACGA 21

RESULT 1544
US-10-380-195A-46
; Sequence 46, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
; FILE REFERENCE: UBC P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-46

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCA 7429
Db 5 CAGTACGACGACGACA 21

RESULT 1545
US-10-335-977-9909/c
; Sequence 9909, Application US/10335977
; Publication No. US20040052799A1
; GENERAL INFORMATION:
; APPLICANT: DOUGLAS SMITH et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
; RELATING TO HELICOBACTER PYLORI FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 10031
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: UNIX
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/335,977
; FILING DATE: 30-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/993,002
; FILING DATE: 17-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: GTN-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 9909:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Helicobacter pylori
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8) LOCATION 1...21
; SEQUENCE DESCRIPTION: SEQ ID NO: 9909:
US-10-335-977-9909
Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5250 TCACGAGCATTCGCAA 5266
Db 19 TCACGAGCATTCGCAA 3
RESULT 1546
US-09-775-479-14
; Sequence 14, Application US/09775479
; Publication No. US20040067197A1
; GENERAL INFORMATION:
; APPLICANT: LECLERC, Guy
; APPLICANT: MARTEL, R.mi

; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF
; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF PREPARATION AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; FILE REFERENCE: 12168-IUS-2
; CURRENT APPLICATION NUMBER: US/09/775,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/318,106
; PRIOR FILING DATE: 1999-05-24
; PRIOR APPLICATION NUMBER: 08/756,728
; PRIOR FILING DATE: 1996-11-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-14
Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4462 ACTTTTCTTTCTTTT 4478
Db 2 ACTTTTCTTTCTTTT 18
RESULT 1547
US-10-435-044A-23/c
; Sequence 23, Application US/10435044A
; Publication No. US20030228615A1
; GENERAL INFORMATION:
; APPLICANT: Rossi, John J
; APPLICANT: Scherr, Michaela
; APPLICANT: Riggs, Arthur D
; TITLE OF INVENTION: Method For Identifying Accessible Binding Sites on RNA
; FILE REFERENCE: 1954-28511
; CURRENT APPLICATION NUMBER: US/10/435,044A
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 09/536,393
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: US 60/127,529
; PRIOR FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Murine
US-10-435-044A-23
Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6464 CTTTCTTTCTGTTTG 6480
Db 18 CTTTCTTTCTGTTTG 2
RESULT 1548
US-10-435-044A-29/c
; Sequence 29, Application US/10435044A
; Publication No. US20030228615A1
; GENERAL INFORMATION:
; APPLICANT: Rossi, John J
; APPLICANT: Scherr, Michaela
; APPLICANT: Riggs, Arthur D
; TITLE OF INVENTION: Method For Identifying Accessible Binding Sites on RNA
; FILE REFERENCE: 1954-28511
; CURRENT APPLICATION NUMBER: US/10/435,044A

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; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 09/536,393
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: US 60/127,529
; PRIOR FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: murine
US-10-435-044A-29

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6464 CTTTCTTTCTCTGTTTG 6480
Db      18 CTTTCTTTCTCTGTTTG 2

RESULT 1549
US-10-349-143-9992/c
; Sequence 9992, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9992
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8662 for SEQ 2127, in compleme
US-10-349-143-9992

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7005 GGAGATTCTCTCTTA 7021
Db      21 GGAGATTCTCTCTTA 5

RESULT 1550
US-10-349-143-11139/c
; Sequence 11139, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11139
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-2526 for SEQ 3274, in compleme
US-10-349-143-11139

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6183 GAGTGATGAGAGAGAA 6199
Db      21 GAGTGATGAGTAAAGAA 5

RESULT 1551
US-09-729-043A-5
; Sequence 5, Application US/09729043A
; Patent No. US20020132348A1
; GENERAL INFORMATION:
; APPLICANT: BRADSHAW, M. SUZANNE
; APPLICANT: BOLLEKENS, JACQUES A
; APPLICANT: RUDDLE, FRANK H
; TITLE OF INVENTION: A NEW YEAST-BACTERIA SHUTTLE VECTOR
; FILE REFERENCE: 4167-4000
; CURRENT APPLICATION NUMBER: US/09/729,043A
; CURRENT FILING DATE: 2002-05-03/095,372
; PRIOR APPLICATION NUMBER: US 09/095,372
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: US 08/761,704
; PRIOR FILING DATE: 1996-12-06
; PRIOR APPLICATION NUMBER: US 60/008,250
; PRIOR FILING DATE: 1995-12-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: OLIGONUCLEOTIDE
US-09-729-043A-5

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3113 CTCATGCTTGACAGCTT 3129
Db      2 CTCATGTTTGACAGCTT 18

RESULT 1552
US-09-727-030C-11/c
; Sequence 11, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:
; APPLICANT: Gilles, Patrick N.
; APPLICANT: Dillon, Patrick J.
```



```

; APPLICANT: Wu, David J.
; APPLICANT: Foster, Charles B.
; APPLICANT: Chanock, Stephen J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
; FILE REFERENCE: 259/163-US
; CURRENT APPLICATION NUMBER: US/09/727,030C
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/126,865
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MBP probe
US-09-727-030C-11

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      3931 CTTTCTCCCTTGATG 3947
DB      22 CTTTCTCCCTTGATG 6

```

```

RESULT 1553
US-10-060-301-37
; Sequence 37, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195P
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Forward Primer for SNP ID 19
US-10-060-301-37

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      882 TAAGCAGCAGCCAGTGA 898
DB      5 TAAGCAGCAGCCAGTGA 21

```

```

RESULT 1554
US-10-060-301-39
; Sequence 39, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195P
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01

```

```

; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Forward Primer for SNP ID 20
US-10-060-301-39

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      882 TAAGCAGCAGCCAGTGA 898
DB      5 TAAGCAGCAGCCAGTGA 21

```

```

RESULT 1555
US-10-032-585-5006/C
; Sequence 5006, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiansheng
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5006
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5006

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1965 TTTTCACAGCCAGTGA 1981
DB      18 TTATCAGCAGCCAGTGA 2

```

```

RESULT 1556
US-10-369-214-81/C
; Sequence 81, Application US/10369214
; Publication No. US20030232037A1
; GENERAL INFORMATION:
; APPLICANT: Groot, Pieter C.
; APPLICANT: Bergenhegouwen van, Bram J.
; APPLICANT: Oosterhout van, Antoon J.M.
; TITLE OF INVENTION: Genes involved in immune related responses observed
; FILE REFERENCE: P53837US00
; CURRENT APPLICATION NUMBER: US/10/369,214
; CURRENT FILING DATE: 2003-02-15
; PRIOR APPLICATION NUMBER: EP 00202867.8
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: PCT/NL01/00610
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sense primer
OTHER INFORMATION: SVO2-1-F1
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(22)
US-10-369-214-81
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2388 AACCTCATGTCCCCAC 3004
Db      18 ACCCTCATGTCCCCAC 2
```

```
RESULT 1557
US-09-870-956-41
Sequence 41, Application US/09870956
Patent No. US20020127669A1
GENERAL INFORMATION:
APPLICANT: Knipp, Gregory T.
APPLICANT: Herrera-Ruiz, Dea
APPLICANT: Rutgers, The State University of New Jersey
TITLE OF INVENTION: No. US20020127669A1e1 Compositions for the Expression of the Hum
FILE REFERENCE: Rutgers 00-0126
CURRENT APPLICATION NUMBER: US/09/870, 956
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/208, 061
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 41
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-870-956-41
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      5012 ATGAGGCGCTCTGGCAG 5028
Db      1 ATGAGGCGCTCTGGGCG 17
```

```
RESULT 1558
US-09-851-873-20/c
Sequence 20, Application US/09851873
Publication No. US20030165488A1
GENERAL INFORMATION:
APPLICANT: Klerzien, Rolf F.
APPLICANT: Reardon, Irene M.
APPLICANT: Welland, Katherine L.
TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS
FILE REFERENCE: 28341/0023
CURRENT APPLICATION NUMBER: US/09/851,873
PRIOR FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 105
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-851-873-20
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
```

```
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy      1975 CCAGTATATTCCTGGG 1991
Db      18 CCAGATATTTCTGGG 2
```

```
RESULT 1559
US-10-379-741-28/c
Sequence 28, Application US/10379741
Publication No. US20040071702A1
GENERAL INFORMATION:
APPLICANT: van de Winkel, Jan G.J.
APPLICANT: van Dijk, Marcus Antonius
APPLICANT: Schuurman, Janine
APPLICANT: Gerritsen, Arnout F.
APPLICANT: Baadsgaard, Ole
APPLICANT: Petersen, Jorgen
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)
FILE REFERENCE: GMI-024CP2
CURRENT APPLICATION NUMBER: US/10/379, 741
CURRENT FILING DATE: 2003-03-05
PRIOR APPLICATION NUMBER: US 60/314, 731
PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: US 10/226615
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 28
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-10-379-741-28
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2831 AGCCCGAGAGCTGTGC 2847
Db      21 AGCCCGAGAGCTGAGC 5
```

```
RESULT 1560
US-10-374-932-28/c
Sequence 28, Application US/10374932
Publication No. US2003023586A1
GENERAL INFORMATION:
APPLICANT: van de Winkel, Jan G.J.
APPLICANT: van Dijk, Marcus Antonius
APPLICANT: Schuurman, Janine
APPLICANT: Gerritsen, Arnout F.
APPLICANT: Baadsgaard, Ole
APPLICANT: Petersen, Jorgen
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)
FILE REFERENCE: GMI-024CP
CURRENT APPLICATION NUMBER: US/10/374, 932
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: US 60/314, 731
PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: US 10/226615
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 28
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-10-374-932-28
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2831 AGCCCGAGGCTGTC 2847
|||||
Db 21 AGCCCGAGGCTGAGC 5

RESULT 1561
US-10-665-951-2008
; Sequence 2008, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Paves, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (NMB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2008
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinh sense
US-10-665-951-2008

Query Match 0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 82.4%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2666 AGGAGCAGCAGCTGCA 2682
|||||
Db 7 AGGAGCAGCAUGAAGUGCA 23

RESULT 1562
US-10-687-799-50/c
; Sequence 50, Application US/10687799
; Publication No. US20040167319A1
; GENERAL INFORMATION:
; APPLICANT: Teeling, Jessica
; APPLICANT: Ruuls, Sigrid
; APPLICANT: Glennie, Martin
; APPLICANT: van de Winkel, Jan
; APPLICANT: Parren, Paul
; APPLICANT: Petersen, Jorgen
; APPLICANT: Baadsgaard, Ole

; APPLICANT: Huang, Haichun
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD20
; FILE REFERENCE: GMI-055
; CURRENT APPLICATION NUMBER: US/10/687,799
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: US 60/419,163
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 60/460,028
; PRIOR FILING DATE: 2002-04-02
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-687-799-50

Query Match 0.2%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCGAGGCTGTC 2847
|||||
Db 21 AGCCCGAGGCTGAGC 5

RESULT 1563
US-09-853-646-4
; Sequence 4, Application US/09853646
; Patent No. US20020055106A1
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sasse, Philip
; APPLICANT: Graess, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646-4

Query Match 0.2%; Score 15.4; DB 1; Length 25;
Best Local Similarity 76.0%; Pred. No. 1.4e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGAAACAAA 4039
|||||
Db 1 ATGCGAAAAAAGAAAAA 25

RESULT 1564
US-09-853-646-3
; Sequence 3, Application US/09853646
; Patent No. US20020055106A1
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sasse, Philip
; APPLICANT: Graess, Luigi
; APPLICANT: Kinzler, Kenneth

```
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646-3
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 1.5e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4015 ATGAGAAAAAGAGAGAAACAAA 4039
Db      1  ATGCGAAAAAAGAAAAAATAT 25
```

```
RESULT 1565
US-10-102-720-18/c
; Sequence 18, Application US/10102720
; Publication No. US20030152937A1
; GENERAL INFORMATION:
; APPLICANT: Brand, Joseph
; APPLICANT: Weinidel, Kurt
; TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
; FILE REFERENCE: 101614-00014
; CURRENT APPLICATION NUMBER: US/10/102,720
; CURRENT FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 09/325,554
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent-In version 3.1
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; NAME/KEY: misc_signal
; LOCATION: (27)..(27)
; OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
; OTHER INFORMATION: esterified with 3-O-carboxymethyl digoxigenin
US-10-102-720-18
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 27;
Best Local Similarity 70.4%; Pred. No. 1.5e+03;
Matches 19; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4013 AAATGAGAAAAAGAGAGAAACAAA 4039
Db      27  ARAAAAAAAGAAAAAATAT 1
```

```
RESULT 1566
US-09-891-517-8/c
; Sequence 8, Application US/09891517
; Patent No. US2002010653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
```

```
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29  AAAAAAAGAGAGAAACAAATAT 5
```

```
RESULT 1567
US-10-683-386-8/c
; Sequence 8, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATY
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29  AAAAAAAGAGAGAAACAAATAT 5
```

```
RESULT 1568
US-10-209-608-8/c
; Sequence 8, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
Qy      4018 AGAAAAAGAGGAGAAACAAATGT 4042
Db      29 AAAAAAAAAACAAAAAAATAT 5
```

```
RESULT 1569
US-09-801-274-1211
; Sequence 1211, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825,2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1211
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-1211
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 31;
Best Local Similarity 70.4%; Pred. No. 1.7e+03;
Matches 19; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      31 AGCTGCTGAGGCTCGGCGCGCGCGC 57
      |||||||:|:|:|:|:|:|:|:|:|
```

```
Db      5 AGTGCTGCTGSCGCTGCTGCTGC 31
RESULT 1570
US-10-208-357-14
; Sequence 14, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-10-208-357-14
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 32;
Best Local Similarity 72.0%; Pred. No. 1.8e+03;
Matches 18; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
```

```
Qy      4015 ATGAGAAAAAGAGAAAAACAAA 4039
Db      7 AUGCAAAAAAAAAAAAAAAAAAAAA 31
```

```
RESULT 1571
US-10-035-833A-2291/c
; Sequence 2291, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2291
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2291
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 41;
Best Local Similarity 62.9%; Pred. No. 1.9e+03;
Matches 22; Conservative 1; Mismatches 12; Indels 0; Gaps 0;
```

```
Qy      3264 GACTAGATTGTTTAAAGAAAAATGAAACGAGA 3298
Db      35 GACTCCATCTCTTAAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 1572
US-10-035-833A-3697/c
; Sequence 3697, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
```

```

APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3697
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-3697

Query Match
Best Local Similarity 62.9%; Pred.No.1.9e+03;
Matches 22; Conservative 1; Mismatches 12; Indels 0; Gaps 0;

QY 3264 GACTGATTTGTTTAAAGAAAAATGAACCCAGA 3298
      ||||| ||||| : ||||| ||||| |||||
Db 35 GACTGCATCTCTTAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1573
US-10-380-596A-5
; Sequence 5, Application US/10380596A
; Publication No. US20040053275A1
; GENERAL INFORMATION:
; APPLICANT: Shafer, David A.
; TITLE OF INVENTION: Systems and Methods to Quantify and Amplify
; TITLE OF INVENTION: Both Signaling and Probes for cDNA Chips and
; FILE REFERENCE: D6430
; CURRENT APPLICATION NUMBER: US/10/380,596A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/07508
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: random base
; LOCATION: 16...17
; OTHER INFORMATION: Modified poly-T primer; v=a, c, or g at position 16;
; OTHER INFORMATION: n=a, c, g, or t at position 17
US-10-380-596A-5

Query Match
Best Local Similarity 93.8%; Pred.No.9.4e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTGTGTGTGTGTGTG 4484
      ||||| ||||| ||||| |||||
Db 1 TTTTGTGTGTGTGTGT 16

RESULT 1574
US-10-015-593-2
; Sequence 2, Application US/10015593
; Publication No. US20020090636A1
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324

```

```

; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-015-593-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9,4e+02; Indels 0; Gaps 0;
Matches 15; Conservative 1; Mismatches 0;

OY      4469 TTTT TTTT TTTT TTTT TTTG 4484
Db       1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1575
US-10-275-080A-7/c
; Sequence 7, Application US/10275080A
; Publication No. US20040053214A1
; GENERAL INFORMATION:
; APPLICANT: Schroeder, Klaus Hobe
; APPLICANT: Schubler, Andrea
; APPLICANT: Kolke, Katsuro
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: EP 00 109 436.6
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-275-080A-7

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY      6972 GAGCTAAACAAACAGAG 6991
Db       20 GAGCTAAACAAACAAAAA 1

RESULT 1576
US-09-823-634A-18/c
; Sequence 18, Application US/09823634A
; Patent No. US20020142308A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-2006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18

```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligo AGT02025
US-09-823-634A-18

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1577
US-09-823-647B-18/c
/ Sequence 18, Application US/09823647B
/ Patent No. US20020142309A1
/ GENERAL INFORMATION:
/ APPLICANT: Applied Gene Technologies, Inc.
/ APPLICANT: Dategupta, Manibhushan
/ TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: 47541-20004.20
/ CURRENT APPLICATION NUMBER: US/09/823,647B
/ CURRENT FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: US 09/616,761
/ PRIOR FILING DATE: 2000-07-14
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligo AGT02025
US-09-823-647B-18

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1578
US-09-263-959-894/c
/ Sequence 994, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Romen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
```

```
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McMaisters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 894:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-894

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1579
US-09-874-162A-22
/ Sequence 22, Application US/09874162A
/ Patent No. US20020155452A1
/ GENERAL INFORMATION:
/ APPLICANT: Koontz, Jason
/ APPLICANT: Sklar, Jeffrey
/ TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
/ TITLE OF INVENTION: ENDOMETRIAL STROMAL TUMORS
/ FILE REFERENCE: 05311-024001
/ CURRENT APPLICATION NUMBER: US/09/874,162A
/ CURRENT FILING DATE: 2001-06-04
/ PRIOR APPLICATION NUMBER: US 60/209,093
/ PRIOR FILING DATE: 2000-06-02
/ NUMBER OF SEQ ID NOS: 23
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer for PCR
US-09-874-162A-22

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3000 CCCACCCCTCACCCCATCTT 3019
DB 1 CCCACCCATCACCCCTCTCT 20

RESULT 1580
US-09-964-261-186/c
/ Sequence 186, Application US/09964261
/ Publication No. US20020197613A1
/ GENERAL INFORMATION:
/ APPLICANT: De Canck, Ilse
/ APPLICANT: Rombout, Annelies
/ APPLICANT: Rosseau, Rudi
/ TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
/ FILE REFERENCE: IGD-002
/ CURRENT APPLICATION NUMBER: US/09/964,261
/ CURRENT FILING DATE: 2001-09-25
/ PRIOR APPLICATION NUMBER: EP 99870068.6
/ PRIOR FILING DATE: 1999-04-09
```

; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-186

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5151 GGGAGGGAGTCTCTCGG 5170
Db 20 GGGAGAGGATCTCTCGG 1

RESULT 1581
US-09-771-933-148
; Sequence 148, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-148

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2655 CCTGCTGACAGAGCATG 2674
Db 1 CCTGCTGACATGATGATG 20

RESULT 1582
US-09-888-326-737
; Sequence 737, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 737
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide

; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-737

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TGGACTTTTCTTTTCTTTT 4478
Db 1 TCGCGTTTCTTTTCTTTT 20

RESULT 1583
US-09-950-840-21/C
; Sequence 21, Application US/09950840
; Publication No. US20030027155A1
; GENERAL INFORMATION:
; APPLICANT: DEJEAN, ANNE
; APPLICANT: MARCHEU, PASCAL
; APPLICANT: PINEAU, AGNES
; TITLE OF INVENTION: HOMOZYGOUS DELETION OF CHROMOSOME 8p23 IN
; FILE REFERENCE: 3495,0210
; CURRENT APPLICATION NUMBER: US/09/950,840
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/234,308
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-950-840-21

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5333 TTGGCTCACTCTCTCCAGT 5352
Db 20 TTTCCTTACTCTCTCGCAT 1

RESULT 1584
US-09-779-152-61/C
; Sequence 61, Application US/09779152
; Publication No. US20030044782A1
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
; FILE REFERENCE: N01-172CP2
; CURRENT APPLICATION NUMBER: US/09/779,152
; CURRENT FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 08/890,979
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-779-152-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGCTGCCACCCCACTT 3410

Db 20 CAGATGCCACCACTT 1

RESULT 1585

US-09-784-674-732

; Sequence 732, Application US/09784674

; Publication No. US20030054346A1

; GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

Delenstarr, Glenda C.

Webb, Peter G.

Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Releasee #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-Feb-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 732:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 732:

US-09-784-674-732

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5699 TTTCCTTCCTTTCTTCTT 5718

Db 1 TTTCCTTCCTTTCTTCTT 20

RESULT 1586

US-09-784-674-733

; Sequence 733, Application US/09784674

; Publication No. US20030054346A1

; GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

Delenstarr, Glenda C.

Webb, Peter G.

Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Releasee #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-Feb-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 733:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 733:

US-09-784-674-733

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5700 TTTCCTTCCTTTCTTCTT 5719

Db 1 TTTCCTTCCTTTCTTCTT 20

RESULT 1587

US-09-784-674-734

; Sequence 734, Application US/09784674

; Publication No. US20030054346A1

; GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

Delenstarr, Glenda C.

Webb, Peter G.

Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

STREET: 3000 Hanover Street

CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: NO. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 734:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 734:
US-09-784-674-734
Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5701 TGCCTCTCTTCTCTCTCT 5720
DB 1 TCCTCTCTTCTCTCTCTCT 20
RESULT 1588
US-09-784-674-736
Sequence 736, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delestart, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001

CLASSIFICATION: NO. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 736:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 736:
US-09-784-674-736
Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5703 CCTTCCTTCTCTCTCTCT 5722
DB 1 CCTTCCTTCTCTCTCTCT 20
RESULT 1589
US-09-906-158-85/C
Sequence 85, Application US/09906158
Publication No. US20030078217A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
FILE REFERENCE: PRT-0257
CURRENT APPLICATION NUMBER: US/09/906,158
CURRENT FILING DATE: 2001-07-14
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-85
Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1985 TCCTGGAGCAGATGTACA 2004
DB 20 TCCTGGAGCAGGTGTACA 1
RESULT 1590
US-09-776-479-431
Sequence 431, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouton, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479

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; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 431
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-431

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TCGACTTTTTCCTTTT 4478
Db 1 TCGTCGTTTTCCTTTT 20

RESULT 1591
US-09-776-479-431
; Sequence 431, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Foucon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 431
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-431

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TCGACTTTTTCCTTTT 4478
Db 1 TCGTCGTTTTCCTTTT 20

RESULT 1592
US-09-967-655-60/c
; Sequence 60, Application US/09967655
; Publication No. US20030092649A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-60

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1851 GGTGAAGACGTGTCACAGA 1870
Db 20 GGAGGAAGACGTGCTTAAAA 1

RESULT 1593
US-09-967-655-86
; Sequence 86, Application US/09967655
; Publication No. US20030092649A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-86

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 489 TGATGAAAGAACATTT 508
Db 1 TCGTGAAAGAACACACTT 20

RESULT 1594
US-10-343-114-36/c
; Sequence 36, Application US/10343114
; Publication No. US20040072998A1
; GENERAL INFORMATION:
; APPLICANT: Wiesenbach, Ulrich
; TITLE OF INVENTION: Trp8, Trp9 and Trp10, Novel Markers for Cancer
; FILE REFERENCE: 01627-034
; CURRENT APPLICATION NUMBER: US/10/343,114
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: PCT/EP01/08309
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-343-114-36

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6042 GGAGCTGTTCTCTCATGG 6061
Db 20 GGAGCTGGTGACTGTCATTG 1

```

RESULT 1595
US-10-215-448-40/c
; Sequence 40, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyalc
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 CATGCGCTGCTTCGACCC 1582
DB 20 CATGCGCTGCTGGGACCC 1

RESULT 1596
US-10-380-126-38/c
; Sequence 38, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-38

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434
DB 20 GCCGCGCAGCAGCTCCAGC 1

RESULT 1597
US-10-398-308-61/c
; Sequence 61, Application US/10398308
; Publication No. US20040029825A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Christopher J.
; APPLICANT: Schlafer, Donald H.
; APPLICANT: Hill, Jonathan R.
; TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
; FILE REFERENCE: 19603/3373
; CURRENT APPLICATION NUMBER: US/10/398,308

; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/237,673
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: PCT/US01/30925
; PRIOR FILING DATE: 2001-10-03
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: BOLA Class I,
US-10-398-308-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2747 AGGTTACAGAGTACTCTG 2766
DB 20 AGGTTACTCGAATCTTG 1

RESULT 1598
US-10-380-124-85/c
; Sequence 85, Application US/10380124
; Publication No. US2004003874A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-85

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4493 CATGGGTTGGCTGCTTG 4512
DB 20 CATGGGTTGGCCATGTTG 1

RESULT 1599
US-10-683-386-40/c
; Sequence 40, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGAWA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATATATAT 6699
Db 20 CTTTATTTTATATATAT 1

RESULT 1600
US-10-683-386-41/c
Sequence 41, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOCAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0165-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 41
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATATATAT 6699
Db 20 CTTTATTTTATATATAT 1

RESULT 1601
US-10-181-543-50
Sequence 50, Application US/10181543
Publication No. US20030211608A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wycat
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRESSIO
FILE REFERENCE: R1SP-0339
CURRENT APPLICATION NUMBER: US/10/181,543
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 09/489,765
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 85
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-543-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3133 AAGTCACTCTGTAGCCCT 3152
Db 1 AAGATCAACTCTGTGTCCT 20

RESULT 1602
US-10-282-174-66
Sequence 66, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-66

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3627 GGGGCTGGAGAGAGGCTAG 3646

Db 1 GGAAGTGCAGAGGAGGTAG 20

RESULT 1603
US-10-314-578-431
; Sequence 431, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 431
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-431

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4459 TGAAGTTTTTTTTTTTTT 4478
Db 1 TCGTCGTTTTTTTTTTTTTT 20

RESULT 1604
US-10-339-674-795
; Sequence 795, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 795
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (780973)..(780992)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1035
US-10-339-674-795

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 71 GGGCGGCGCGCGAGCGGC 90
Db 1 GGGCGGTGCGCGCGAGCGGC 20

RESULT 1605
US-10-339-674-1830

; Sequence 1830, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 1830
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (2519446)..(2519466)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 2424
US-10-339-674-1830

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 71 GGGCGGCGCGCGAGCGGC 90
Db 1 GGGCGGTGCGCGCGAGCGGC 20

RESULT 1606
US-10-125-181-19/c
; Sequence 19, Application US/10125181
; Publication No. US20020187954A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/10/125,181
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/295,593
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,791
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-125-181-19

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5778 GCCTGCTGCTGCTGCTT 5797
Db 20 GCCTGCTGCTGCTGCTGCT 1

RESULT 1607
US-10-023-610-61/c
; Sequence 61, Application US/10023610
; Publication No. US2003023059A1
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
; CURRENT APPLICATION NUMBER: US/10/023,610

;; CURRENT FILING DATE: 2001-12-17
;; EARLIER APPLICATION NUMBER: 09/666,106
;; EARLIER FILING DATE: 2000-10-10
;; EARLIER APPLICATION NUMBER: 09/032,894
;; EARLIER FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,980
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO: 61
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-10-023-610-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGTGCACCCACCCACCTT 3410
Db 20 CAGATGCCACCCACACCTT 1

RESULT 1608
US-10-112-653-413
;; Sequence 413, Application US/10112653
;; Publication No. US20030050268A1
;; GENERAL INFORMATION:
;; APPLICANT: Kriegl, Arthur M.
;; APPLICANT: Berg, Daniel J.
;; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
;; FILE REFERENCE: C01039/70060 (AMS)
;; CURRENT APPLICATION NUMBER: US/10/112,653
;; CURRENT FILING DATE: 2002-03-29
;; PRIOR APPLICATION NUMBER: US 60/279,642
;; PRIOR FILING DATE: 2001-03-29
;; NUMBER OF SEQ ID NOS: 1040
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO: 413
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-413

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TCGACTTTTCTTTTCTTTT 4478
Db 1 TCGTCTTTTCTTTTCTTTT 20

RESULT 1609
US-10-085-906-213
;; Sequence 213, Application US/10085906
;; Publication No. US20030054371A1
;; GENERAL INFORMATION:
;; APPLICANT: Yang, Vincent
;; APPLICANT: Wu, Paul
;; APPLICANT: Gray, Gary S.
;; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
;; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
;; FILE REFERENCE: GNN-5343CP2 US/10/085,906
;; CURRENT APPLICATION NUMBER: US/10/085,906
;; CURRENT FILING DATE: 2002-02-27
;; PRIOR APPLICATION NUMBER: US 60/126,215
;; PRIOR FILING DATE: 1999-03-25
;; PRIOR APPLICATION NUMBER: US 09/534,061

;; PRIOR FILING DATE: 2000-03-24
;; PRIOR APPLICATION NUMBER: PCT/US00/07938
;; PRIOR FILING DATE: 2000-03-24
;; NUMBER OF SEQ ID NOS: 545
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO: 213
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-085-906-213

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4463 CTTTCTTCTTTCTTTCTTTT 4482
Db 1 CTTTCTTCTTTCTTTCTTTT 20

RESULT 1610
US-10-017-995-431
;; Sequence 431, Application US/10017995
;; Publication No. US20030055014A1
;; GENERAL INFORMATION:
;; APPLICANT: Bratzler, Robert L.
;; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
;; FILE REFERENCE: C1037/7025 (HCL/MAT)
;; CURRENT APPLICATION NUMBER: US/10/017,995
;; CURRENT FILING DATE: 2001-12-18
;; PRIOR APPLICATION NUMBER: US 60/255,534
;; PRIOR FILING DATE: 2000-12-14
;; NUMBER OF SEQ ID NOS: 1093
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO: 431
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-431

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TCGACTTTTCTTTTCTTTT 4478
Db 1 TCGTCTTTTCTTTTCTTTT 20

RESULT 1611
US-10-152-040-6
;; Sequence 6, Application US/10152040
;; Publication No. US2003007251A1
;; GENERAL INFORMATION:
;; APPLICANT: ESCRIOU, NICOLAS
;; APPLICANT: VAN DER WERF, SYLVIE
;; APPLICANT: VIGNUZZI, MARCO
;; APPLICANT: GERBAUD, SYLVIE
;; TITLE OF INVENTION: REPLICONS DERIVED FROM POSITIVE STRAND RNA VIRUS
;; TITLE OF INVENTION: GENOMES USEFUL FOR THE PRODUCTION OF HETEROLOGOUS
;; FILE REFERENCE: 03495.0229-00000
;; CURRENT APPLICATION NUMBER: US/10/152,040
;; CURRENT FILING DATE: 2002-06-27
;; PRIOR APPLICATION NUMBER: 60/292,515
;; PRIOR FILING DATE: 2001-05-23
;; NUMBER OF SEQ ID NOS: 28
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO: 6
;; LENGTH: 20
;; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
CURRENT APPLICATION NUMBER: US/10/209,608
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-152-040-6

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTCCACACCTGTCCACTCC 6039
Db 1 TCTCCACAGTGTCCACTCC 20

RESULT 1612
US-10-209-608-40/c
Sequence 40, Application US/10209608
Publication No. US20030082592A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: YAMADA, KAZUYAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIV
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/10/209,608
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6680 CGTTATTTTATATATAT 6699
Db 20 CCTTTTATATATATAT 1

RESULT 1613
US-10-209-608-41/c
Sequence 41, Application US/10209608
Publication No. US20030082592A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: YAMADA, KAZUYAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD

FILE REFERENCE: 19953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6680 CGTTATTTTATATATAT 6699
Db 20 CTTTATTTTATATATATAT 1

RESULT 1614
US-10-161-803-2
Sequence 2, Application US/10161803
Publication No. US20030092028A1
GENERAL INFORMATION:
APPLICANT: Ma, Yuanhong
APPLICANT: Lih, Chih-Jian
APPLICANT: Chen, Fan
APPLICANT: Fairman, Jeffery
APPLICANT: Chen, Yi-Der I.
TITLE OF INVENTION: METHODS AND REAGENTS FOR DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF INSULIN RESISTANCE AND RELATED CONDITIONS
FILE REFERENCE: 421452000300
CURRENT APPLICATION NUMBER: US/10/161,803
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: US 60/295,264
PRIOR FILING DATE: 2001-06-01
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
US-10-161-803-2

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2105 GACCACGCAAGATCATT 2124
Db 1 GAAAAAGCAAGATCATT 20

RESULT 1615
US-10-230-026-108
Sequence 108, Application US/10230026
Publication No. US20030124695A1
GENERAL INFORMATION:
APPLICANT: MICHAEL G. BRAMUCCI
APPLICANT: PATRICIA C. BRZOSTOWICZ
APPLICANT: KRISTY N. KOSTICHKA
APPLICANT: VASANTHA NAGARAJAN


```
; APPLICANT: PIERRE E. ROUVIERE
; APPLICANT: STUART M. THOMAS
; TITLE OF INVENTION: GENES ENCODING BAYER-VILLIGER MONOOXYGENASES
; FILE REFERENCE: CL1789 US NA
; CURRENT APPLICATION NUMBER: US/10/230,026
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/315,546
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Microsoft Office 97
; SEQ ID NO: 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer A102FI for screening Arthrobacter sp. BP2 library
US-10-230-026-108

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2415 GCACACCAACATCACCACC 2434
DB      1 GCACACCTACATCACCACC 20

RESULT 1616
US-10-000-213-72/c
; Sequence 72, Application US/10000213
; Publication No. US20030125271A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Mark P. Roach
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF VITAMIN D NUCLEAR RECEPTOR EXPRESSION
; FILE REFERENCE: RTS-0327
; CURRENT APPLICATION NUMBER: US/10/000,213
; CURRENT FILING DATE: 2001-11-14
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO: 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-000-213-72

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1892 ACCCTGCTCAAGATCAAT 1911
DB      20 ACCCTGCTCAATGTGAT 1

RESULT 1617
US-10-367-470-18/c
; Sequence 18, Application US/10367470
; Publication No. US20030165963A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Datagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/10/367,470
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
```

```
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02025
US-10-367-470-18

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB      20 TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 1618
US-10-032-585-5256/c
; Sequence 5256, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jjiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 5256
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5256

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6947 ATCCAGAAAGGAGCGGGA 6966
DB      20 ATCCAGAAATGCGACGCGGA 1

RESULT 1619
US-10-331-907-289
; Sequence 289, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshiniko
; APPLICANT: Metzker, Michael L
; APPLICANT: Weyman, Tony R
; TITLE OF INVENTION: No. US20030181660A1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
```

```
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/331,907
  FILING DATE: 31-Dec-2002
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/09/402,923A
    FILING DATE: 14-Feb-2001
    APPLICATION NUMBER: PCT/GB98/01102
    FILING DATE: 15-APR-1998
    APPLICATION NUMBER: US 60/043,553
    FILING DATE: 15-APR-1997
    APPLICATION NUMBER: US 60/048,740
    FILING DATE: 05-JUN-1997
  ATTORNEY/AGENT INFORMATION:
    NAME: B.J. Sadoff
    REGISTRATION NUMBER: 36,663
    REFERENCE/DOCKET NUMBER: 620-81
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (703)816-4091
    TELEFAX: (703)816-4100
  INFORMATION FOR SEQ ID NO: 289:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 20 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
  SEQUENCE DESCRIPTION: SEQ ID NO: 289:
US-10-331-907-289

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1987 CTGGAGCAGCATGTACACA 2006
Db      1 CAGGAGCAGCATCTTACCCA 20

RESULT 1620
US-10-005-344-331/c
; Sequence 331, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monla
; APPLICANT: Erich Kohler
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 331
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-331

Query Match          0.2%; Score 15.2; DB 1; Length 20;
```

```
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      998 GCCTGAAGTGTGAGTCACC 1017
Db      20 GCCTGAAGTGTGAGTCATC 1

RESULT 1621
US-10-380-931-104
; Sequence 104, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RISP-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; CURRENT FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-104

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2862 GGAAGCAAGAGAGAGGAGG 2881
Db      1 GAATGCAGAGAGAGGAGGAGG 20

RESULT 1622
US-10-236-031B-86
; Sequence 86, Application US/10236031B
; Publication No. US20030219760A1
; GENERAL INFORMATION:
; APPLICANT: Gordon, Gavin J.
; APPLICANT: Jensen, Roderick V.
; APPLICANT: Gullans, Steven R.
; APPLICANT: Bueno, Raphael
; TITLE OF INVENTION: Diagnostic and Prognostic Tests
; FILE REFERENCE: B00801/70265 (JRV/JAV)
; CURRENT APPLICATION NUMBER: US/10/236,031B
; CURRENT FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/317,389
; PRIOR FILING DATE: 2001-09-05
; PRIOR APPLICATION NUMBER: US 60/407,431
; PRIOR FILING DATE: 2002-08-30
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-236-031B-86

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2599 TCTATCCAGACCTGCTTA 2618
Db      1 TCTCTCCAGAGACCTTCTTA 20
```

```
RESULT 1623
US-10-388-263-534/c
; Sequence 534, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Combert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohsaehi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 534
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-534

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1985 TCCTGGAGCAGCATGTACA 2004
Db 20 TCCTGGAGCAGCATGTACA 1

RESULT 1624
US-10-175-492-51
; Sequence 51, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-51

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4633 TCGCACTTCAGTGTGAATT 4652
Db 1 TTCAACTCCTGTGTGAATT 20

RESULT 1625
US-10-175-492-129/c
; Sequence 129, Application US/10175492
```

```
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-175-492-129

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4633 TCGCACTTCAGTGTGAATT 4652
Db 20 TTCAACTCCTGTGTGAATT 1

RESULT 1626
US-10-309-775A-72
; Sequence 72, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-72

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTTCATTTTGTGTTTTTTT 4483
Db 1 TTTTCATTTTGTGTTTTTTT 20

RESULT 1627
US-10-289-762-2391/c
; Sequence 2391, Application US/10289762
; Publication No. US2004006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffee, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2391
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2391
```

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 457 CCTCAGATCTTGGTGATCG 476
|||||
Db 20 CCGTCATTTCTTGGAGATCG 1

RESULT 1628
US-10-289-762-2978
; Sequence 2978, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2978
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2978

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3684 CCAGAAAGCCGACTATTTTG 3703
|||||
Db 1 CCAGAAAGCCGCAATTTTG 20

RESULT 1629
US-10-289-762-5002/c
; Sequence 5002, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5002
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5002

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGAGCAGCAGCAGCAGC 7434
|||||
Db 20 GCAGAGCAGCATCATCGCAGC 1

RESULT 1630
US-10-289-762-5785/c
; Sequence 5785, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5785
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5785

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5033 CAGCTCACTGAGAGCCTAC 5052
|||||
Db 20 CCGCTCATTTGAGAGACTAC 1

RESULT 1631
US-10-289-762-6476/c
; Sequence 6476, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6476
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6476

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGCAGC 7431
|||||
Db 20 TCAGCAGCAGCAGCAGCAGC 1

RESULT 1632
US-10-289-762-6842
; Sequence 6842, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6842
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6842

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2733 GGCCAAAGCCGTGAGGTTTC 2752

Db 1 GGCNAAGCGTACGATTC 20

RESULT 1633

US-10-455-552-26/c
; Sequence 26, Application US/10455552
; Publication No. US2004001853A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denisenko, Mikhail
; APPLICANT: Smyle, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; PRIOR FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-26

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2591 GCTGTCTCTATCCAGCA 2610
DB 20 GATCTCTCTTTCCAGCA 1

RESULT 1634
US-10-212-848-61/c
; Sequence 61, Application US/10212848
; Publication No. US20040023225A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, Jeanette
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING RISK FACTORS
; TITLE OF INVENTION: FOR ABNORMAL LIPID LEVELS AND THE DISEASES AND DISORDERS
; FILE REFERENCE: MMT-012
; CURRENT APPLICATION NUMBER: US/10/212,848
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-848-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3391 CAGTGCACCCCACTT 3410
DB 20 CAGATCCACCCCACTT 1

RESULT 1635
US-10-272-727-101/c
; Sequence 101, Application US/10272727

; Publication No. US2004007567A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Randy Lane Bell
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0261
; CURRENT APPLICATION NUMBER: US/10/272,727
; PRIOR FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-727-101

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5544 TGTGCATGCAGATCGA 5563
DB 20 TTGTGCATGCAGATCGA 1

RESULT 1636
US-10-272-811-101/c
; Sequence 101, Application US/10272811
; Publication No. US20040076621A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0162
; CURRENT APPLICATION NUMBER: US/10/272,811
; PRIOR FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-811-101

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5544 TGTGCATGCAGATCGA 5563
DB 20 TTGTGCATGCAGATCGA 1

RESULT 1637
US-10-303-328-17
; Sequence 17, Application US/10303328
; Publication No. US20040102397A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPM1B EXPRESSION
; FILE REFERENCE: HTS-0030
; CURRENT APPLICATION NUMBER: US/10/303,328
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-303-328-17

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2545 CAGATCCTGACGTACCACT 2564
|||||
Db 1 CAGATCCTGATTTCCAGCT 20

RESULT 1638

US-10-303-328-52/c
; Sequence 52, Application US/10303328
; Publication No. US20040102397A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPM1B EXPRESSION
; FILE REFERENCE: HTS-0030
; CURRENT APPLICATION NUMBER: US/10/303,328
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-328-52

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2545 CAGATCCTGACGTACCACT 2564
|||||
Db 20 CAGATCCTGATTTCCAGCT 1

RESULT 1639

US-10-688-706-714/c
; Sequence 714, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brotschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 714
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-714

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTGACACA 1128
|||||
Db 20 GACAGATTGTGAGTTCTATA 1

RESULT 1640

US-10-688-706-890/c
; Sequence 890, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brotschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 890
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-890

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1409 TGAAGATGACATGACGAG 1428
|||||
Db 20 TGAAGATCACATTAAGAG 1

RESULT 1641

US-10-315-962-50
; Sequence 50, Application US/10315962
; Publication No. US20040109848A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
; FILE REFERENCE: PTS-0046
; CURRENT APPLICATION NUMBER: US/10/315,962
; CURRENT FILING DATE: 2000-12-09
; NUMBER OF SEQ ID NOS: 126
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 AAGCCCTCAGCGACTCTCA 968
|||||
Db 1 ATGCCCTCTGGTCTCTCA 20

RESULT 1642

US-10-316-755-20
; Sequence 20, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RTS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NOS: 277
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-20

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434
DB 1 GCGGCTGGAGCAGCAGC 20

RESULT 1643
US-10-316-755-175/c
Sequence 175, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 175
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-316-755-175

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434
DB 20 GCGGCTGGAGCAGCAGC 1

RESULT 1644
US-10-467-008-104/c
Sequence 104, Application US/10467008
Publication No. US20040116366A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyat
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT E
FILE REFERENCE: ISPR-0746
CURRENT APPLICATION NUMBER: US/10/467,008
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: PCT/US02/02805
PRIOR FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 09/780,045
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 104
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-008-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 GCTGGGGGGCGCGCGCG 84
DB 20 GCGGCGGGGAGCGCGCGG 1

RESULT 1645
US-10-606-133-172
Sequence 172, Application US/10606133
Publication No. US20040132047A1
GENERAL INFORMATION:
APPLICANT: Fortina, Paolo
APPLICANT: Maris, John M.
APPLICANT: Gelfand, Craig A.
TITLE OF INVENTION: Methods for Detection of Genetic
TITLE OF INVENTION: Alterations Associated with Cancer
FILE REFERENCE: CHOP.0182US
CURRENT APPLICATION NUMBER: US/10/606,133
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: 60/391,515
PRIOR FILING DATE: 2002-06-25
NUMBER OF SEQ ID NOS: 282
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 172
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-606-133-172

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4477 TTTTGTCTTGAGACATG 4496
DB 1 TTGTTGTCTTGAGCAGC 20

RESULT 1646
US-10-606-133-235
Sequence 235, Application US/10606133
Publication No. US20040132047A1
GENERAL INFORMATION:
APPLICANT: Fortina, Paolo
APPLICANT: Maris, John M.
APPLICANT: Gelfand, Craig A.
TITLE OF INVENTION: Methods for Detection of Genetic
TITLE OF INVENTION: Alterations Associated with Cancer
FILE REFERENCE: CHOP.0182US
CURRENT APPLICATION NUMBER: US/10/606,133
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: 60/391,515
PRIOR FILING DATE: 2002-06-25
NUMBER OF SEQ ID NOS: 282
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 235
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-606-133-235

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5555 GATGAGAAAGTGTTGGC 5574
|||||

Db 1 GATGAGAGAGCATGTTTGC 20

RESULT 1647

US-10-728-399-18/c

; Sequence 18, Application US/10728399
; Publication No. US20040132078A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Colica, Jerry

; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION

; FILE REFERENCE: 01455_1

; CURRENT APPLICATION NUMBER: US/10/728,399

; CURRENT FILING DATE: 2003-12-05

; NUMBER OF SEQ ID NOS: 627

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human mitoneet antisense

US-10-728-399-18

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6192 GAAGAGATGGAGAGATT 6211

Db 20 GAAGAGACTGGAGACAATGT 1

RESULT 1648

US-10-728-399-24/c

; Sequence 24, Application US/10728399
; Publication No. US20040132078A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Colica, Jerry

; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION

; FILE REFERENCE: 01455_1

; CURRENT APPLICATION NUMBER: US/10/728,399

; CURRENT FILING DATE: 2003-12-05

; NUMBER OF SEQ ID NOS: 627

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human mitoneet antisense

US-10-728-399-24

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6193 AAGAGATGGAGAGATTG 6212

Db 20 AAGAGACTGGAGACAATGT 1

RESULT 1649

US-10-655-620A-5

; Sequence 5, Application US/10655620A
; Publication No. US20040170622A1

; GENERAL INFORMATION:

; APPLICANT: GLIMCHER, Laurie H.

; APPLICANT: LEE, Ann-Hwee

; APPLICANT: IWAKOSHI, Neil

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING

; TITLE OF INVENTION: XBP-1 ACTIVITY

; FILE REFERENCE: HUI-052

; CURRENT APPLICATION NUMBER: US/10/655,620A

; CURRENT FILING DATE: 2003-09-02

; PRIOR APPLICATION NUMBER: 60/407,166

; PRIOR FILING DATE: 2002-08-30

; PRIOR APPLICATION NUMBER: 60/488,568

; PRIOR FILING DATE: 2003-07-18

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 5

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

US-10-655-620A-5

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1819 ACACCTTGGAGATGCTAC 1838

Db 1 ACACCTTGGAGATGACAC 20

RESULT 1650

US-10-418-182-106/c

; Sequence 106, Application US/10418182
; Publication No. US20030228302A1

; GENERAL INFORMATION:

; APPLICANT: Crea, Roberto

; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

; FILE REFERENCE: 1551,2001-001

; CURRENT APPLICATION NUMBER: US/10/418,182

; CURRENT FILING DATE: 2003-04-16

; PRIOR APPLICATION NUMBER: 60/373,558

; PRIOR FILING DATE: 2002-04-17

; NUMBER OF SEQ ID NOS: 423

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 106

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-10-418-182-106

Query Match 0.2%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAACAAA 4039

Db 20 AAAAAAGAGAAAAACAAA 1

RESULT 1651

US-08-776-044-11

; Sequence 11, Application US/08776044
; Publication No. US20020142295A1

; GENERAL INFORMATION:

; APPLICANT: BYWATER, MARGARET

; APPLICANT: LINDSTROM, PER

; APPLICANT: INGMANAS, MATS

; TITLE OF INVENTION: SEQUENCE-BASED MUTATION ANALYSIS OF

; TITLE OF INVENTION: NEOPLASTIC TISSUE FOR DIAGNOSIS OR PROGNOSIS OF THE

; NUMBER OF SEQUENCES: 25

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH

; STREET: PO BOX 747

; CITY: FALLS CHURCH

STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/776,044
FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1614-178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
US-08-776-044-11

Query Match 0.2% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7307 CTTGAGATTGTGTTGTG 7326
DB 2 CTTGAGGTGCTGTTGTG 21

RESULT 1652
US-09-073-881-12/c
Sequence 12, Application US/09073881
Patent No. US20020045251A1
GENERAL INFORMATION:
APPLICANT: Rao, Mahendra S.
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER: Thorpe, No. US20020045251A1ch & Western, L.L.P.
STREET: P.O. Box 1219
CITY: Sandy
STATE: Utah
COUNTRY: USA
ZIP: 84091-1219
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Compaq Presario 4540
OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,881
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/852,744
FILING DATE: 07-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: T4903.CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (801) 566-6633
TELEFAX: (801) 566-0750

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-073-881-12

Query Match 0.2% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3683 GCCAGAAAGCCGCTATTT 3702
DB 21 GCCAGAAAGCCGCTATTT 2

RESULT 1653
US-09-964-261-187/c
Sequence 187, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelies
APPLICANT: Rosseau, Rudi
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
FILE REFERENCE: IG0-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 187
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-964-261-187

Query Match 0.2% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5151 GCGAGGGAGTTCCTCGGG 5170
DB 21 GCGAGAGGAGMTCTCTCGG 2

RESULT 1654
US-10-027-075-14/c
Sequence 14, Application US/10027075
Publication No. US20020114814A1
GENERAL INFORMATION:
APPLICANT: Gray, Gary S. et al.
TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins
Having Modified Effector Functions and Uses Therefor
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/027,075

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; FILING DATE: 20-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/227,595
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandagouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: <Unknown>
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-027-075-14
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 6020 TTTCACACCTGTCACATCC 6039
Db 20 TCTCCACAGGTGTCACATCC 1
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RESULT 1655
US-10-013-329-6/c
; Sequence 6, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Eiji
; TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Downstream primer p6
US-10-013-329-6
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 6914 TACTGACTTAGAGCCTCTGG 6933
Db 20 TACTGAATTAGAAGCTCTGG 1
```

```
RESULT 1656
US-10-002-623-53
; Sequence 53, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
```

```
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: SPAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligo
US-10-002-623-53
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```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 6362 GTACCTAGAAATTGAACT 6381
Db 2 GAACCTAGAAATGTGAACT 21
```

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RESULT 1657
US-10-032-585-5530
; Sequence 5530, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5530
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5530
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5695 CTGTTTGCTTCTTCTTCC 5714
Db 2 CTCTTTGGCTGCTTCTTCC 21
```

```
RESULT 1658
US-10-109-349A-1/c
; Sequence 1, Application US/10109349A
; Publication No. US20030186246A1
; GENERAL INFORMATION:
; APPLICANT: Medical College of Ohio
; APPLICANT: Willey, James C.
; APPLICANT: Crawford, Erin L.
; TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REAC
; FILE REFERENCE: 01154/2001-203
; CURRENT APPLICATION NUMBER: US/10/109,349A
; CURRENT FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 282
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 21
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-109-349A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6802 CAGATTGGCAGAGAGTATT 6821
DB 20 CAGATTGGCAGAGAGTATT 1

RESULT 1659
US-10-377-684-18
; Sequence 18, Application US/10377684
; Publication No. US20030219796A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF
; APPLICANT: NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Nagata, Naoko
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Sugita, Yuji
; APPLICANT: Kubo, Masato
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Disease
; FILE REFERENCE: SHWIZU-07595
; CURRENT APPLICATION NUMBER: US/10/377,684
; PRIOR FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: JP 2002-52310
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: PCT/JP03/00600
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-377-684-18

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 527 CCATTGGCAGAGAGGTC 546
DB 2 CATTGGCAGAGAGGTC 21

RESULT 1660
US-10-444-575-22/c
; Sequence 22, Application US/10444575
; Publication No. US2003023274A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; PRIOR FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
```

```

; ORGANISM: Rattus norvegicus
US-10-444-575-22

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 AGAATGACGAAATTGGGAG 2385
DB 20 AGAATGACGAAATCGGAG 1

RESULT 1661
US-10-349-143-6964
; Sequence 6964, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-10-349-143-6964

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5707 CTTTCTCTCTCTCTCTT 5726
DB 1 CTTTCTCTCTCTCTCT 20

RESULT 1662
US-10-349-143-9636/c
; Sequence 9636, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/238,741
FILING DATE: 09-NOV-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/356,497
FILING DATE: 19-JUL-1999
APPLICATION NUMBER: US/08/416,711
FILING DATE: 08-AUG-1995
APPLICATION NUMBER: PCT/FR93/01024
FILING DATE: 18-OCT-1993
APPLICATION NUMBER: FR 92/12488
FILING DATE: 19-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-085-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA PRIMER"
US-10-238-741-9

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5373 AATGACATTTTGGCCCTT 5392
DB 21 ATAGACATTTTGGCCCTT 2

RESULT 1667
US-10-655-579-67/c
Sequence 67, Application US/10655579
Publication No. US20040126789A1
GENERAL INFORMATION:
APPLICANT: Park, Kyusung
APPLICANT: Lee, Jun E.
TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
FILE REFERENCE: 0942.5580002
CURRENT APPLICATION NUMBER: US/10/655,579
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/408,609
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: 60/427,867
PRIOR FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 164
SOFTWARE: Patentin version 3.2
SEQ ID NO 67
LENGTH: 21
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: P-450 B-319, reverse primer
US-10-655-579-67

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6955 AAGGAGGGGGAAGATGAG 6974
DB 21 AATGGGGGGGAAGATGAG 2
```

```
RESULT 1668
US-10-338-552-91
Sequence 91, Application US/10338552
Publication No. US20040131612A1
GENERAL INFORMATION:
APPLICANT: Watkins, Jeffrey D.
APPLICANT: Vasselec, Alain P.
APPLICANT: Marguis, David
APPLICANT: Huse, William D.
TITLE OF INVENTION: TNF-alpha Binding Molecules
FILE REFERENCE: AME-06971
CURRENT APPLICATION NUMBER: US/10/338,552
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 92
SOFTWARE: Patentin version 3.2
SEQ ID NO 91
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-338-552-91

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTTCACACGTCGCTCC 6039
DB 2 TCTCCACAGGTCTCCACTCC 21
```

```
RESULT 1669
US-10-338-627-91
Sequence 91, Application US/10338627
Publication No. US20040131613A1
GENERAL INFORMATION:
APPLICANT: Watkins, Jeffrey D.
APPLICANT: Vasselec, Alain P.
APPLICANT: Marguis, David
APPLICANT: Huse, William D.
TITLE OF INVENTION: TNF-alpha Binding Molecules
FILE REFERENCE: AME-07497
CURRENT APPLICATION NUMBER: US/10/338,627
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 92
SOFTWARE: Patentin version 3.2
SEQ ID NO 91
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-338-627-91

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTTCACACGTCGCTCC 6039
DB 2 TCTCCACAGGTCTCCACTCC 21

RESULT 1670
US-10-774-602-9/c
Sequence 9, Application US/10774602
Publication No. US20040141987A1
GENERAL INFORMATION:
APPLICANT: DRUIHE, PIERRE
TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
```

FILE REFERENCE: 248791USODIV
CURRENT APPLICATION NUMBER: US/10/774,602
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US 09/356,947
PRIOR FILING DATE: 1999-07-19
PRIOR APPLICATION NUMBER: US 10/238,741
PRIOR FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: US 08/416,711
PRIOR FILING DATE: 1995-08-08
PRIOR APPLICATION NUMBER: PCT/FR93/01024
PRIOR FILING DATE: 1993-10-18
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-10-774-602-9

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5373 AAATGATTTTGGCCCTT 5392
Db 21 ATAGCATTTTGGCCCTT 2

RESULT 1671
US-10-792-637-14/c
Sequence 14, Application US/10792637
Publication No. US20040151725A1
GENERAL INFORMATION:
APPLICANT: Gray, Gary S. et al.
TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins
Having Modified Effector Functions and Uses
Therefor
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-Windows
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/792,637
FILING DATE: 02-Mar-2004
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/595,590
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandagouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: RPI-007CPA2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-792-637-14

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6020 TTTCACACCTGTCCTCC 6039
Db 20 TCTCCACAGGTGTCCTCC 1

RESULT 1672
US-10-755-889-821
Sequence 821, Application US/10755889
Publication No. US20040171823A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF- κ B
PATHWAY
FILE REFERENCE: D0284 NP
CURRENT APPLICATION NUMBER: US/10/755,889
CURRENT FILING DATE: 2004-01-13
PRIOR APPLICATION NUMBER: U.S. 60/440,068
PRIOR FILING DATE: 2003-01-14
PRIOR APPLICATION NUMBER: U.S. 60/469,757
PRIOR FILING DATE: 2003-05-12
NUMBER OF SEQ ID NOS: 823
SOFTWARE: PatentIn version 3.2
SEQ ID NO 821
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized Primer.
US-10-755-889-821

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7418 GCAGCAGCAGCAGCACA 7437
Db 1 GCAGCAGCAGCAGCATTACA 20

RESULT 1673
US-09-816-523-29/c
Sequence 29, Application US/09816523
Patent No. US20020037540A1
GENERAL INFORMATION:
APPLICANT: All, Shujath
APPLICANT: Recipon, Herve
APPLICANT: Hu, Ping
APPLICANT: Cafierkey, Robert
TITLE OF INVENTION: Compositions and Methods of Diagnosing, Monitoring,
FILE REFERENCE: DEX-0197
CURRENT APPLICATION NUMBER: US/09/816,523
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/191,511
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 29
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-816-523-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4688 ATCTGCTGATGAAGCCATGA 4707
|||
DB 22 ATATGCTGATGATGCCCTGA 3

RESULT 1674
US-09-853-830-126
; Sequence 126, Application US/09853830
; Patent No. US20020107388A1
; GENERAL INFORMATION:
; APPLICANT: Vandenbark, Arthur A.
; TITLE OF INVENTION: Methods of Identifying and Monitoring
; TITLE OF INVENTION: Disease-Associated T Cells
; FILE REFERENCE: P-1M 4734
; CURRENT APPLICATION NUMBER: US/09/853,830
; CURRENT FILING DATE: 2001-09-18
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-853-830-126

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6195 GAGATGAGAGATTGAA 6214
|||
DB 1 GTGAATGAGAGATTGGA 20

RESULT 1675
US-09-780-172-11
; Sequence 11, Application US/09780172
; Patent No. US20020147163A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0159
; CURRENT APPLICATION NUMBER: US/09/780,172
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-780-172-11

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2408 CCACAGTGACACCAATC 2427
|||
DB 2 CCACAGTGAAACCAATC 21

RESULT 1676
US-09-964-261-188/c
; Sequence 188, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:

; APPLICANT: De Canck, Ilse
; APPLICANT: Rombaut, Annelies
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGT-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 188
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-188

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5151 GCGAGGAGGATCTCTCTGGG 5170
|||
DB 22 GCGAGAGGAGMTCTCTCTGGG 3

RESULT 1677
US-09-927-121B-38/c
; Sequence 38, Application US/09927121B
; Publication No. US20030082178A1
; GENERAL INFORMATION:
; APPLICANT: GOLD, DANIEL P.
; APPLICANT: SHOPS, ROBERT J.
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR ALTERING A B CELL MEDIATED
; TITLE OF INVENTION: PATHOLOGY
; FILE REFERENCE: 032077.0003
; CURRENT APPLICATION NUMBER: US/09/927,121B
; CURRENT FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 38
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-927-121B-38

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7344 CCTGTCCAGTCCATGTGA 7363
|||
DB 20 CCAGTCCAGTCCATGTGA 1

RESULT 1678
US-09-927-811A-16
; Sequence 16, Application US/09927811A
; Publication No. US20040086998A1
; GENERAL INFORMATION:
; APPLICANT: Rheinbiotech Gesellschaft für neue biotechnologische Prozesse und
; APPLICANT: Produkte mbH
; APPLICANT: Romano, Ivano
; APPLICANT: Gellissen, Gerd
; APPLICANT: Devergilio, Claudio
; TITLE OF INVENTION: Heat-Inducible Promoter
; FILE REFERENCE: PCT1106-01966
; CURRENT APPLICATION NUMBER: US/09/927,811A
; CURRENT FILING DATE: 2002-02-22

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; PRIOR APPLICATION NUMBER: PCT/EP00/01144
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequencing primer F9 (forward)
US-09-927-811A-16
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```
Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy      7190 GTGTGACTCTGTGTTTC 7209
Db      3 GTGTGATTCTGTGTGTTGC 22
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RESULT 1679
US-10-663-241-45
; Sequence 45, Application US/10663241
; Publication No. US20040040058A1
; GENERAL INFORMATION:
; APPLICANT: Maliga, Pal
; APPLICANT: Sliheavy, Daniel
; APPLICANT: Strieman, Priya
; TITLE OF INVENTION: Placid Promoters for Transgene
; FILE REFERENCE: Rut 97-0097
; CURRENT APPLICATION NUMBER: US/10/663,241
; PRIOR FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/09/445,283C
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: PCT/US98/11437
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/058,670
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/048,376
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-663-241-45
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```
Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      3342 GAATCCAGTTGTAGAGCA 3361
Db      3 GAATTCGTGTGTAGAGCA 22
```

```
RESULT 1680
US-09-874-991C-619
; Sequence 619, Application US/09874991C
; Publication No. US20040052763A1
; GENERAL INFORMATION:
; APPLICANT: MOND, JAMES J.
; APPLICANT: FLORA, MICHAEL
; APPLICANT: KLINMAN, DENNIS M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
; FILE REFERENCE: 07787, 0042-0
; CURRENT APPLICATION NUMBER: US/09/874,991C
; CURRENT FILING DATE: 2001-06-07
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```
; PRIOR APPLICATION NUMBER: 60/209,797
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 620
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 619
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
US-09-874-991C-619
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5460 GTTCTTCTCTGATTTTTT 5479
Db      3 GTTCTGACTCTTTTTTTTT 22
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```
RESULT 1681
US-10-211-858-188
; Sequence 188, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsden, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/065511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 188
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-188
```


Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 6893 TGCCTCCTCTACTCTACTC 6912
Db 2 TGCCTCCTCTCTCTCTCC 21

RESULT 1682
US-10-309-788-17/c
; Sequence 17, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carlson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target
; FILE REFERENCE: RBN-001CP
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAA 4039
Db 22 AAAAAATACAGAAATATAA 3

RESULT 1683
US-10-309-788-19/c
; Sequence 19, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carlson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target
; FILE REFERENCE: RBN-001CP
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-19

Query Match 0.2%; Score 15.2; DB 1; Length 22;

Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 4020 AAAAAAGAGAAAAA 4039
Db 22 AAAAAATACAGAAATATAA 3

RESULT 1684
US-10-300-616-13/c
; Sequence 13, Application US/10300616
; Publication No. US20030082801A1
; GENERAL INFORMATION:
; APPLICANT: BARNES, ASHLEY A.
; APPLICANT: WISE, ALAN
; APPLICANT: MARSHALL, FIONA H.
; APPLICANT: FRASER, NEIL J.
; APPLICANT: WHITE, JULIE H. M.
; APPLICANT: FOORD, STEVEN M.
; TITLE OF INVENTION: NOVEL RECEPTOR
; FILE REFERENCE: PG3558US2
; CURRENT APPLICATION NUMBER: US/10/300,616
; CURRENT FILING DATE: 2002-11-20
; PRIOR FILING DATE: 1998-09-07
; PRIOR APPLICATION NUMBER: GB9819420.2
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-300-616-13

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7417 AGCAGCAGCAGCAGCAGC 7436
Db 21 AGCAGCAGCAGCAGCAGC 2

RESULT 1685
US-10-263-872-17/c
; Sequence 17, Application US/10263872
; Publication No. US20030124585A1
; GENERAL INFORMATION:
; APPLICANT: MILLER, Robert P
; APPLICANT: Lowe, Steven
; APPLICANT: Conklin, Darrell
; TITLE OF INVENTION: Type II Gonadotropin - Releasing Hormone Receptor and Polynucleot
; FILE REFERENCE: P32303A
; CURRENT APPLICATION NUMBER: US/10/263,872
; CURRENT FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Synthetic primer
; FEATURE:
; NAME/KEY: misc. feature
; OTHER INFORMATION: Synthetic primer directed to the Type II marmoset (Callithrix jac
; OTHER INFORMATION: chus) GnRH receptor exon sequences
US-10-263-872-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1976 CAGTATATTCCTGGAGCA 1995
|||
Db 22 CAGTATATTCCTGGAGCA 3

RESULT 1686
US-10-002-623-56
; Sequence 56, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligo
US-10-002-623-56

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6362 GTACCTAGAAATTGAAACT 6381
|||
Db 2 GAACCTACAAATGTGAAACT 21

RESULT 1687
US-10-002-623-59
; Sequence 59, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligo
US-10-002-623-59

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6362 GTACCTAGAAATTGAAACT 6381
|||
Db 2 GAACCTACAAATGTGAAACT 21

RESULT 1688
US-10-106-749-2/c
; Sequence 2, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Insect, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitratos, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECI
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE
; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-106-749-2

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTT 4479
|||
Db 20 GGACGTTTTTTTTTTTTT 1

RESULT 1689
US-10-357-935-29
; Sequence 29, Application US/10357935
; Publication No. US20030165958A1
; GENERAL INFORMATION:
; APPLICANT: HARDY, John Anthony
; APPLICANT: GOATE, Allison Mary
; APPLICANT: MULLEN, Michael John
; APPLICANT: CHARLIER-HARLIN, Marie-Christine
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend Kourlie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/357,935
; FILING DATE: 03-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,250
; FILING DATE: 05-Jun-1995
; APPLICATION NUMBER: 08/104,165
; FILING DATE: 21-Jan-1992
; APPLICATION NUMBER: 9101307.8
; FILING DATE: 21-Jan-1991
; APPLICATION NUMBER: 9118445.7
; FILING DATE: 28-AUG-1991

```
ATTORNEY/AGENT INFORMATION:
NAME: Liebschuetz, Joe
REGISTRATION/DOCKET NUMBER: 37,505
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (Primer)
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-357-935-29

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5617 TTACCCAGCTTCAGCAGG 5636
DB      2 TAACCCAGCATCATGAG 21

RESULT 1690
US-10-210-951-188
Sequence 188, Application US/10210951
Publication No. US20030170228A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Masters, Scot A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/06511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 188
LENGTH: 22
TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-188

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6893 TGCTCTCCCTTACTCTACTC 6912
DB      2 TGCTCTCCCTTCTCTTCCC 21

RESULT 1691
US-10-211-884-188
Sequence 188, Application US/10211884
Publication No. US20030175900A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Masters, Scot A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/06511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 188
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe.
US-10-211-884-188

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6893 TGCTCTCCCTTACTCTACTC 6912
DB      2 TGCTCTCCCTTCTCTTCCC 21
```

RESULT 1692

US-10-438-729-125
; Sequence 125, Application US/10438729
; Publication No. US20030190665A1
; GENERAL INFORMATION:
; APPLICANT: Vandenberg, Arthur
; TITLE OF INVENTION: METHODS OF SELECTING T CELL RECEPTOR V PEPTIDES FOR THERAPEUTIC U
; FILE REFERENCE: 6915-65828
; CURRENT APPLICATION NUMBER: US/10/438, 729
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: 60/203,984
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: 09/853,830
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 60/380,731
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 125
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-438-729-125

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6195 GAGATGAGAGGAAATTGGA 6214

Db 1 GTGATGAGAGGAAATGTGA 20

RESULT 1693

US-10-238-306B-17/C
; Sequence 17, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001CN
; CURRENT APPLICATION NUMBER: US/10/238, 306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

RESULT 1694

US-10-238-306B-19/C
; Sequence 19, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001CN
; CURRENT APPLICATION NUMBER: US/10/238, 306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-19

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

RESULT 1695

US-10-629-453-17/C
; Sequence 17, Application US/10629453
; Publication No. US20040096878A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001DV
; CURRENT APPLICATION NUMBER: US/10/629,453
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-629-453-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

RESULT 1696

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US-10-629-453-19/c
; Sequence 19, Application US/10629453
; Publication No. US20040096878A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Method for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001DV
; CURRENT APPLICATION NUMBER: US/10/629,453
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; SOFTWARE: Patent version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3 - UTR sequence of Neuronal-Cadherin
US-10-629-453-19

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
DB      22 AAAAAATACGAAATATAA 3

RESULT 1697
US-10-366-548-7
; Sequence 7, Application US/10366548
; Publication No. US20040156837A1
; GENERAL INFORMATION:
; APPLICANT: Apicella, M.A.
; APPLICANT: Jones, P.
; APPLICANT: Gibson, B.W.
; APPLICANT: Phillips, N.J.
; TITLE OF INVENTION: Influenzae sialyltransferases and methods of use thereof
; FILE REFERENCE: 875,063US1
; CURRENT APPLICATION NUMBER: US/10/366,548
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Haemophilus influenzae
US-10-366-548-7

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6678 GACGTTATTTTATTATAT 6697
DB      1 GATGTTATTTTATTATTTGT 20

RESULT 1698
US-09-263-959-772
; Sequence 772, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
```

```
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 772:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-772
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Query Match      0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      4463 CTTTTTTTTTTTTTTTTTTT 4482
DB      4 CTTTCTTTCTTTCTTTCTTT 23
```

```
RESULT 1699
US-09-964-261-189/c
; Sequence 189, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Kossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: ICG-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 189
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-189
```

```
Query Match      0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5151 GGGAGGGAGGTTCTCTCTGGG 5170
DB      23 GGGAGGAGGAMTCTCTCTGGG 4
```

```
RESULT 1700
US-09-771-933-140
; Sequence 140, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 140
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-140

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7009 ATTTCTCTTTTACAGAGA 7028
Db      4  ATTTCTCTTGACAGAGA 23

RESULT 1701
US-10-024-017-4
; Sequence 4, Application US/10024017
; Publication No. US20030078210A1
; GENERAL INFORMATION:
; APPLICANT: Dalton, William S.
; APPLICANT: Damiano, Jason S.
; APPLICANT: Cress, Anne B.
; TITLE OF INVENTION: Compounds and Methods For Modulating Cell-Adhesion Mediated Drug
; FILE REFERENCE: USF-T140XC1
; CURRENT APPLICATION NUMBER: US/10/024,017
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/186,198
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/795,484
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: downstream primer
US-10-024-017-4

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5729 CTGGCTTCTTTCCTTTTC 5748
Db      3  CTGGCTTCTTTCACCTTTC 22

RESULT 1702
US-10-075-425-24/c
; Sequence 24, Application US/10075425
```

```
; Publication No. US20020150939A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Rotter, Jerome I.
; APPLICANT: Yang, Huiling
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/10/075,425
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US/09/395,345
; PRIOR FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-425-24

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5179 CTCTGATGTTCTCCACTTG 5198
Db      21 CTCTGAGGTTCTCCCATG 2

RESULT 1703
US-10-024-018-1
; Sequence 1, Application US/10024018
; Publication No. US20030004140A1
; GENERAL INFORMATION:
; APPLICANT: University of South Florida
; TITLE OF INVENTION: METHODS FOR MODULATING CELL-ADHESION MEDIATED DRUG
; FILE REFERENCE: 215101.01403
; CURRENT APPLICATION NUMBER: US/10/024,018
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: US 09/795,474
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 60/186,199
; PRIOR FILING DATE: 2000-03-01
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 1
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-024-018-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5729 CTGGCTTCTTTCCTTTTC 5748
Db      3  CTGGCTTCTTTCACCTTTC 22

RESULT 1704
US-10-090-182A-1/c
; Sequence 1, Application US/10090182A
; Publication No. US20030103936A1
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maire H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
```

```
      Paik, Kumnan
      Thomas, John W.
      TITLE OF INVENTION: Methods of Ex-vivo Expansion of
      Hematopoietic Cells Using Interleukin-3 (IL-3) Multiple
      Mutation Polypeptides
      NUMBER OF SEQUENCES: 415
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: S. Christopher Bauer, Pharmacia Corp
      STREET: 800 N. Lindbergh Blvd.
      CITY: St. Louis
      STATE: Missouri
      COUNTRY: USA
      ZIP: 63167
      COMPUTER READABLE FORM:
      MEDIUM TYPE: floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: Patent Release #1.0, Version #1.25
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/090,182A
      FILING DATE: 03-Apr-2002
      CLASSIFICATION: <Unknown>
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/764,114
      FILING DATE: 09-DEC-1996
      APPLICATION NUMBER: US 07/981,044
      FILING DATE: 24-NOV-1992
      APPLICATION NUMBER: PCT/US93/11197
      FILING DATE: 22-NOV-1993
      APPLICATION NUMBER: 08/411,795
      FILING DATE: 04-JUN-1995
      ATTORNEY/AGENT INFORMATION:
      NAME: S. Christopher Bauer
      REGISTRATION NUMBER: 42,305
      REFERENCE/DOCKET NUMBER: C2713/12
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (636)737-6257
      TELEFAX: (736)737-6257
      INFORMATION FOR SEQ ID NO: 1:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 23 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: DNA (synthetic)
      SEQUENCE DESCRIPTION: SEQ ID NO: 1:
      US-10-090-182A-1

      Query Match      0.2%; Score 15.2; DB 1; Length 23;
      Best Local Similarity 85.0%; Pred. No. 1.4e+03;
      Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      QY      3735 ACCTTTTAAAGATCACA 3754
      DB      21 ACCTTATTAAAGATCGCTA 2

      RESULT 1705
      US-10-251-598-39/c
      Sequence 39, Application US/10251598
      Publication No. US20030170668A1
      GENERAL INFORMATION:
      APPLICANT: Deterra-Wadleigh, Sevilla D.
      Gershon, Elliot S.
      Badner, Judith A.
      Goldin, Lynn R.
      Berrettini, Wade H.
      Yoshikawa, Takeo
      Sanders, Alan R.
      Esterling, Lisa E.
      TITLE OF INVENTION: Chromosomal Markers and Diagnostic
      Tests for Manic-Depressive Illness
```

```
      NUMBER OF SEQUENCES: 197
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: Townsend and Townsend and Crew LLP
      STREET: Two Embarcadero Center, Eighth Floor
      CITY: San Francisco
      STATE: CA
      COUNTRY: USA
      ZIP: 94111-3834
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Diskette
      COMPUTER: IBM Compatible
      OPERATING SYSTEM: DOS
      SOFTWARE: FastSeq for Windows Version 2.0
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/251,598
      FILING DATE: 19-Sep-2002
      CLASSIFICATION: <Unknown>
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US/09/091,952
      FILING DATE: 19-Apr-1999
      APPLICATION NUMBER: US 60/029,278
      FILING DATE: 28-OCT-1996
      APPLICATION NUMBER: PCT/US97/19381
      FILING DATE: 28-OCT-1997
      ATTORNEY/AGENT INFORMATION:
      NAME: Smith, Timothy L.
      REGISTRATION NUMBER: 35,367
      REFERENCE/DOCKET NUMBER: 015280-297100US
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (415) 576-0200
      TELEFAX: (415) 576-0300
      INFORMATION FOR SEQ ID NO: 39:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 23 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: DNA
      FEATURE:
      NAME/KEY: -
      LOCATION: 1..23
      OTHER INFORMATION: D188996 forward primer
      SEQUENCE DESCRIPTION: SEQ ID NO: 39:
      US-10-251-598-39

      Query Match      0.2%; Score 15.2; DB 1; Length 23;
      Best Local Similarity 85.0%; Pred. No. 1.4e+03;
      Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      QY      7108 GAAATGAAATTAAGTCTTCC 7127
      DB      23 GAAATTAATAATGCGCTTCC 4

      RESULT 1706
      US-10-118-854-38/c
      Sequence 38, Application US/10118854
      Publication No. US20030194754A1
      GENERAL INFORMATION:
      APPLICANT: Bates, Paula J
      Miller, Donald M
      Trent, John O
      APPLICANT: Xu, Xiaohua
      TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
      FILE REFERENCE: 9799910-
      CURRENT APPLICATION NUMBER: US/10/118,854
      NUMBER OF SEQ ID NOS: 38
      SOFTWARE: PatentIn version 3.2
      SEQ ID NO 38
      LENGTH: 23
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TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-10-118-854-38

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCACCCCTCACCCTC 3017
Db 23 CCCCACCCCTCACCCTC 4

RESULT 1707
US-10-078-113-1/C
Sequence 1, Application US/10078113
Publication No. US20030220472A1
GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

Bauer, S. C.

Bratford-Goldberg, Sarah R.

Capaton, Maïre H.

Easton, Alan M.

Klein, Barbara K.

McKearn, John P.

Oline, Peter O.

Paik, Kumman

Thomas, John W.

TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
Polypeptides

NUMBER OF SEQUENCES: 415

CORRESPONDENCE ADDRESS:

ADDRESSER: Dennis A. Bennett, G.D. Searle & Co.,

Corporate Patent Dept.

STREET: P. O. Box 5110

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60680

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/078,113

FILING DATE: 19-Feb-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/469,419

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/411,795

FILING DATE: <Unknown>

APPLICATION NUMBER: PCT/US93/11197

FILING DATE: 22-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547

REFERENCE/DOCKET NUMBER: C2713/2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (708) 470-6501

TELEFAX: (708) 470-6881

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-078-113-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACA 3754
Db 21 AGCTTTTAAAGATCAGCTA 2

RESULT 1708
US-10-179-940-1/C

Sequence 1, Application US/10179940

Publication No. US20040018618A1

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

Bauer, S. C.

Bratford-Goldberg, Sarah R.

Capaton, Maïre H.

Easton, Alan M.

Klein, Barbara K.

McKearn, John P.

Oline, Peter O.

Paik, Kumman

Polezzi, Joseph O.

Polypeptides

NUMBER OF SEQUENCES: 549

CORRESPONDENCE ADDRESS:

ADDRESSER: Carol M. Nielsen, Gardere Wynne Sewell LLP,

STREET: 1601 Elm Street, Suite 3000

CITY: Dallas

STATE: Texas

COUNTRY: USA

ZIP: 75201-4761

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/179,940

FILING DATE: 19-Jun-2002

CLASSIFICATION: Unknown

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/981044

FILING DATE: 24-NOV-1992

APPLICATION NUMBER: PCT/US93/11198

FILING DATE: 22-NOV-1993

APPLICATION NUMBER: US 08/411796

FILING DATE: 09-APR-1995

APPLICATION NUMBER: US 08/559390

FILING DATE: 15-NOV-1995

ATTORNEY/AGENT INFORMATION:

NAME: Carol M. Nielsen

REGISTRATION NUMBER: 37,676

REFERENCE/DOCKET NUMBER: 126181-1056 (C2713/1)

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 276-5383

TELEFAX: (713) 276-5555

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-179-940-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACA 3754

Db 21 AGCTTATTAAGATCGCTA 2

RESULT 1709

US-10-309-290-222/c

; Sequence 222, Application US/10309290

; Publication No. US20040023241A1

; GENERAL INFORMATION:

; APPLICANT: Alsobrook II, John P.

; APPLICANT: Anderson, David W.

; APPLICANT: Boldog, Ferenc L.

; APPLICANT: Burgess, Catherine E.

; APPLICANT: Chilikuru, Rajeev A.

; APPLICANT: Edinger, Shomir R.

; APPLICANT: Gerlach, Valerie L.

; APPLICANT: Gould-Rothberg, Bonnie E.

; APPLICANT: Guo, Xiaojia

; APPLICANT: Jeffers, Michael E.

; APPLICANT: Ji, Weizhen

; APPLICANT: Li, Li

; APPLICANT: Malysankar, Uriel M.

; APPLICANT: Miller, Charles E.

; APPLICANT: Murphey, Ryan

; APPLICANT: Paturajan, Meera

; APPLICANT: Peyman, John A.

; APPLICANT: Raestelli, Luca

; APPLICANT: Rieger, Daniel K.

; APPLICANT: Shenoy, Suresh G.

; APPLICANT: Smithson, Glenda

; APPLICANT: Starling, Gary

; APPLICANT: Taupier, Raymond J.

; APPLICANT: Voss, Edward Z.

; APPLICANT: Zhong, Haihong

; APPLICANT: Zhong, Mei

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-502A

; CURRENT FILING DATE: 2002-12-02

; PRIOR FILING DATE: 2002-12-05

; PRIOR FILING DATE: 2001-12-05

; PRIOR FILING DATE: 2001-12-07

; PRIOR FILING DATE: 2001-12-12

; PRIOR FILING DATE: 2001-12-17

; PRIOR FILING DATE: 2001-12-17

; PRIOR FILING DATE: 2001-12-17

; PRIOR FILING DATE: 2001-12-17

; PRIOR FILING DATE: 2001-12-17

; PRIOR FILING DATE: 2001-12-20

; PRIOR FILING DATE: 2001-12-20

; PRIOR FILING DATE: 2001-12-27

; PRIOR FILING DATE: 2001-12-27

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

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; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

; PRIOR FILING DATE: 2002-05-15

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4987 GGCACAGCCCGCTGAGGA 5006

Db 22 GGCACAGTCCCGCTGAGGA 3

RESULT 1710

US-10-287-092-53/c

; Sequence 53, Application US/10287092

; Publication No. US20040076967A1

; GENERAL INFORMATION:

; APPLICANT: Kekkuda, Ramesh

; APPLICANT: Paturajan, Meera

; APPLICANT: Zhong, Mei

; APPLICANT: Taupier, Raymond J.

; APPLICANT: Caterton, Elina

; APPLICANT: Li, Li

; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C

; FILE REFERENCE: 21402-780D

; CURRENT FILING DATE: 2002-11-04

; PRIOR FILING DATE: 2002-11-04

; PRIOR FILING DATE: 2001-11-06

; PRIOR FILING DATE: 2001-11-06

; PRIOR FILING DATE: 2001-11-09

; PRIOR FILING DATE: 2001-11-21

; PRIOR FILING DATE: 2001-11-21

; PRIOR FILING DATE: 2001-11-21

; PRIOR FILING DATE: 2001-11-29

; PRIOR FILING DATE: 2001-11-29

; PRIOR FILING DATE: 2001-11-29

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; PRIOR FILING DATE: 2001-11-29

; PRIOR FILING DATE: 2001-11-29

; PRIOR FILING DATE: 2001-11-29

; PRIOR FILING DATE: 2001-11-29

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

; APPLICANT: Mi, Yingchang

; APPLICANT: Mi, Yingchang

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Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

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; APPLICANT: Mi, Yingchang

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

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; APPLICANT: Mi, Yingchang

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

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; APPLICANT: Mi, Yingchang

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

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Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCACCCCTCACCCTC 3017
Db 23 CCCCACCCCTCACCCTC 4

RESULT 1712
US-10-665-951-2006/c
; Sequence 2006, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Payco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
; FILE REFERENCE: 400/131 (MEH02-742-F)
; CURRENT FILING DATE: US/10/665,951
; PRIOR APPLICATION NUMBER: US/10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2006
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense
US-10-665-951-2006

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5322 CTTTCTCTCTCTGCTCA 5341
Db 21 CTTTCTCTCTCTGCTCA 2

RESULT 1713
US-10-762-888-6
; Sequence 6, Application US/10762888
; Publication No. US2004017155A1
; GENERAL INFORMATION:
; APPLICANT: d'Apice, Anthony J.F.
; Pearse, Martin J.
; Robins, Allan J.

Crawford, Robert J.
Rathjen, Peter D.
TITLE OF INVENTION: MATERIALS AND METHODS FOR MANAGEMENT OF
HYPERACTUE REJECTION IN HUMAN XENOTRANSPLANTATION
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson
STREET: 120 South Sixth Street, Suite 2500
CITY: Minneapolis
STATE: MN

COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.308

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/762,888

FILING DATE: 21-Jan-2004

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/984,900

FILING DATE: 04-DEC-1997

APPLICATION NUMBER: US 08/378,617

FILING DATE: 26-JAN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Ellinger, Mark S.

REGISTRATION NUMBER: 34,812

REFERENCE/DOCKET NUMBER: 06868/005001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 335-5070

TELEFAX: (612) 288-9696

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-10-762-888-6

QY 4459 TGGACTTTTCTTTTCTTTT 4478
Db 2 TGGACTTTTCTTTTCTTTT 21

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 1714

US-10-309-775A-22/c

; Sequence 22, Application US/10309775A

; Publication No. US2004006032A1

; GENERAL INFORMATION:

; APPLICANT: Lopez, Ricardo A.

; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF

; FILE REFERENCE: 2901/0M327

; CURRENT APPLICATION NUMBER: US/10/309,775A

; PRIOR FILING DATE: 2002-12-04

; PRIOR APPLICATION NUMBER: CA 2,388,049

; PRIOR FILING DATE: 2002-05-30

; NUMBER OF SEQ ID NOS: 74

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 22

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE: PCR primer

; OTHER INFORMATION: PCR primer

US-10-309-775A-22

Query Match 0.2%; Score 15.2; DB 1; Length 24;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAACAAATG 4041

DB 24 AAAAAAAAAAAAAAAAAAATG 5

RESULT 1715

US-10-257-332B-9
; Sequence 9, Application US/10257332B
; Publication No. US20040058418A1

GENERAL INFORMATION:

APPLICANT: KYOMA HAKKO KOGYO CO., LTD.

TITLE OF INVENTION: Production of alpha 1,2-fucosyltransferase and complex carbohydrate

TITLE OF INVENTION: containing

FILE REFERENCE: 766.62

CURRENT APPLICATION NUMBER: US/10/257,332B

PRIOR FILING DATE: 2003-03-06

PRIOR APPLICATION NUMBER: JP 00/109148

PRIOR FILING DATE: 2000-04-11

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 9

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-257-332B-9

Query Match 0.2%; Score 15.2; DB 1; Length 24;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCT 3128

DB 5 AATTCATGTTTGACAGCT 24

RESULT 1716

US-10-746-264-21
; Sequence 21, Application US/10746264
; Publication No. US20040171106A1

GENERAL INFORMATION:

APPLICANT: KYOMA HAKKO KOGYO CO., LTD.

TITLE OF INVENTION: Process for producing dipeptides

FILE REFERENCE: 1154US1

CURRENT APPLICATION NUMBER: US/10/746,264

PRIOR FILING DATE: 2003-12-29

PRIOR APPLICATION NUMBER: JP 2002-376054

PRIOR FILING DATE: 2002-12-26

PRIOR APPLICATION NUMBER: JP 2003-420887

PRIOR FILING DATE: 2003-12-18

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 21

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-746-264-21

Query Match 0.2%; Score 15.2; DB 1; Length 24;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCT 3128

DB 5 AATTCATGTTTGACAGCT 24

DB 5 AATTCATGTTTGACAGCT 24

RESULT 1717

US-09-504-231A-22
; Sequence 22, Application US/09504231A
; Patent No. US20020013458A1

GENERAL INFORMATION:

APPLICANT: Biact, Lawrence

APPLICANT: McSwiggan, James

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

FILE REFERENCE: tp1 247/282

CURRENT APPLICATION NUMBER: US/09/504,231A

PRIOR FILING DATE: 2000-02-15

PRIOR APPLICATION NUMBER: 09/274,553

PRIOR FILING DATE: 1998-03-23

PRIOR APPLICATION NUMBER: 09/257,608

PRIOR FILING DATE: 1999-02-24

PRIOR APPLICATION NUMBER: 60/100,842

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217

PRIOR FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 3242

SOFTWARE: PatentIn version 3.0

SEQ ID NO 22

LENGTH: 15

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-22

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 8.5e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTT 4478

DB 1 UUUUUUUUUUUUU 15

RESULT 1718

US-09-930-218-5
; Sequence 5, Application US/09930218
; Patent No. US20020034810A1

GENERAL INFORMATION:

APPLICANT: goldsmith, orit

APPLICANT: pecker, iris

APPLICANT: vlodavsky, israel

APPLICANT: israel, michal

TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H

TITLE OF INVENTION: HEPARANASE ACTIVITY

FILE REFERENCE: 01/22335

CURRENT APPLICATION NUMBER: US/09/930,218

PRIOR FILING DATE: 2001-08-16

PRIOR APPLICATION NUMBER: 09/666,390

PRIOR FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.1

SEQ ID NO 5

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: synthetic polynucleotide

US-09-930-218-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;

QY 3109 AAGACTCATGCTTGACAGCT 3128

DB 5 AATTCATGTTTGACAGCT 24

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1719
US-09-274-553D-22
; Sequence 22, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-22

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 8.5e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 UUUUUUUUUUUUUU 15

RESULT 1720
US-09-776-874A-5
; Sequence 5, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Iris
; APPLICANT: Vlodevsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide
US-09-776-874A-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1721
US-09-955-410-17
; Sequence 17, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS4800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-17

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1722
US-09-955-410-18/c
; Sequence 18, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS4800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence

US-09-955-410-18

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 1723

US-09-805-296D-10

Sequence 10, Application US/09805296D
Patent No. US20020155989A1

GENERAL INFORMATION:

APPLICANT: Active Motif

APPLICANT: Efimov, Vladimir

APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy

APPLICANT: Archdeacon, John

APPLICANT: Chakmakcheu, Oksana

APPLICANT: Buryakova, Alla

APPLICANT: Choob, Mikhail

APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE

FILE REFERENCE: AM102.P.1US

CURRENT APPLICATION NUMBER: US/09/805,296D

CURRENT FILING DATE: 2001-03-13

PRIOR APPLICATION NUMBER: US 60/189,190

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/250,334

PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patencin version 3.1

SEQ ID NO 10

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Synthetic Construct

NAME/KEY: misc feature

OTHER INFORMATION: SyntheticConstruct

US-09-805-296D-10

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1724

US-09-983-210-19

Sequence 19, Application US/09983210
Patent No. US20020160383A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN

TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES

NUMBER OF SEQUENCES: 40

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/983,210

FILING DATE: 2001-OCT-23

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/150156

FILING DATE: 1994-APR-05

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0986/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0987/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0510/92

FILING DATE: 15-APR-1992

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

PUBLICATION INFORMATION:

DOCUMENT NUMBER: WO PCT/EP92/01220

FILING DATE: 22-MAY-1992

US-09-983-210-19

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1725

US-09-983-210-20/c

Sequence 20, Application US/09983210
Patent No. US20020160383A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN

TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES

NUMBER OF SEQUENCES: 40

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/983,210

FILING DATE: 2001-OCT-23

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/150156

FILING DATE: 1994-APR-05

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0986/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0987/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0510/92

FILING DATE: 15-APR-1992

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

PUBLICATION INFORMATION:

DOCUMENT NUMBER: WO PCT/EP92/01220

FILING DATE: 22-MAY-1992
US-09-983-210-20

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 1726
US-09-850-982B-4
; Sequence 4, Application US/09850982B
; Patent No. US20020166145A1
; GENERAL INFORMATION:
; APPLICANT: Nestec S.A.
; TITLE OF INVENTION: COFFEE MANNANASE
; FILE REFERENCE: 88265-4025
; CURRENT APPLICATION NUMBER: US/09/850,982B
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides provided by Eurogentec (Parc Scientifi
; OTHER INFORMATION: que due Sart Tilman (Sart Tilman Scientific Park)-4102 Seraing-Be
US-09-850-982B-4

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1727
US-09-988-113-5
; Sequence 5, Application US/09988113
; Patent No. US20020168749A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1728
US-09-793-146-54
; Sequence 54, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-54

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1729
US-09-793-146-55
; Sequence 55, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-55

Query Match 0.2% Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1730
US-10-433-005-4
; Sequence 4, Application US/10433005
; Publication No. US20040072289A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Jinhuan
; APPLICANT: Piao, Hai Lan
; TITLE OF INVENTION: Novel Transcriptional Factor Enhancing the Resistance
; FILE REFERENCE: 012679-089
; CURRENT APPLICATION NUMBER: US/10/433,005
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: PCT/KR01/00364
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: KR 10-2000-72720
; PRIOR FILING DATE: 2000-02-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' primer for construction of subtraction library of osmotic
US-10-433-005-4

Query Match 0.2% Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1731
US-10-637-935-9
; Sequence 9, Application US/10637935
; Publication No. US20040033525A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20040033525A1 volatile Mass-label molecules
; FILE REFERENCE: 24736-2057E
; CURRENT APPLICATION NUMBER: US/10/637,935
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: US 10/202,189
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide
US-10-637-935-9

Query Match 0.2% Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1732
US-10-239-655A-4
; Sequence 4, Application US/10239655A
; Publication No. US20040048816A1
; GENERAL INFORMATION:
; APPLICANT: ZOHLHOFFER, DIETLIND
; APPLICANT: BAUERLE, PATRICK
; APPLICANT: KLEIN, CHRISTOPH
; APPLICANT: NEUMANN, FRANZ-JOSEF
; TITLE OF INVENTION: RESTENOSIS TREATMENT
; FILE REFERENCE: 029976/0103
; CURRENT APPLICATION NUMBER: US/10/239,655A
; CURRENT FILING DATE: 2003-02-02
; PRIOR APPLICATION NUMBER: PCT/EP01/03312
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00106468.2
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-239-655A-4

Query Match 0.2% Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1733
US-10-291-808-68
; Sequence 68, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 15

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-68
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          15 TTTT TTTT TTTT TTTT 15
          |||||
```

```
RESULT 1734
US-10-208-357-21/C
; Sequence 21, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-21
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          15 TTTT TTTT TTTT TTTT 1
          |||||
```

```
RESULT 1735
US-10-176-055-9/C
; Sequence 9, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; FEATURE:
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
```

```
; OTHER INFORMATION: complementary to the sequence of complementary
; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-9
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          15 TTTT TTTT TTTT TTTT 1
          |||||
```

```
RESULT 1736
US-10-202-189-9
; Sequence 9, Application US/10202189
; Publication No. US20030022225A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20030022225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-202-189-9
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          15 TTTT TTTT TTTT TTTT 15
          |||||
```

```
RESULT 1737
US-10-072-975-10
; Sequence 10, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakchaeu, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; FILE REFERENCE: AM102.P.1.1US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
```



```
/ PRIOR FILING DATE: 2000-11-30
/ PRIOR APPLICATION NUMBER: 09/805,296
/ PRIOR FILING DATE: 2001-03-13
/ PRIOR APPLICATION NUMBER: PCT/US01/0811
/ PRIOR FILING DATE: 2001-03-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc feature
/ OTHER INFORMATION: SyntheticConstruct
US-10-072-975-10

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1738
US-10-227-001-23
/ Sequence 23, Application US/10227001
/ Publication No. US20030113765A1
/ GENERAL INFORMATION:
/ APPLICANT: Dempcy, Robert O.
/ APPLICANT: Afonina, Irina Aleksandrova
/ APPLICANT: Vermeulen, Nicolaas M.J.
/ APPLICANT: Epoch Biosciences, Inc.
/ TITLE OF INVENTION: Hybridization-Triggered Fluorescent
/ TITLE OF INVENTION: Detection of Nucleic Acids
/ FILE REFERENCE: 17682A-004210US
/ CURRENT APPLICATION NUMBER: US/10/227,001
/ CURRENT FILING DATE: 2002-08-21
/ PRIOR APPLICATION NUMBER: US 09/428,236
/ PRIOR FILING DATE: 1999-10-26
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 23
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
/ OTHER INFORMATION: conjugate
US-10-227-001-23

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1739
US-10-051-436-10
/ Sequence 10, Application US/10051436
/ Publication No. US20030138045A1
/ GENERAL INFORMATION:
/ APPLICANT: Active Motif
/ APPLICANT: Efimov, Vladimir
/ APPLICANT: Fernandez, Joseph
/ APPLICANT: Archdeacon, Joseph
/ APPLICANT: Archdeacon, John
/ APPLICANT: Chakmahcheau, Oksana
```

```
/ APPLICANT: Buryakova, Alla
/ APPLICANT: Choob, Mikhail
/ APPLICANT: Honderp, Kyle
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
/ FILE REFERENCE: AM102.P.1US
/ CURRENT APPLICATION NUMBER: US/10/051,436
/ CURRENT FILING DATE: 2002-01-18
/ PRIOR APPLICATION NUMBER: US 60/189,190
/ PRIOR FILING DATE: 2000-03-14
/ PRIOR APPLICATION NUMBER: US 60/250,334
/ PRIOR FILING DATE: 2000-11-30
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ OTHER INFORMATION: SyntheticConstruct
US-10-051-436-10

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1740
US-10-341-582-5
/ Sequence 5, Application US/10341582
/ Publication No. US20030161823A1
/ GENERAL INFORMATION:
/ APPLICANT: Neta Ilan
/ APPLICANT: Israel Vlodavsky
/ APPLICANT: Oron Jacoby-Zeevi
/ APPLICANT: Iris Pecker
/ TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
/ FILE REFERENCE: 25449
/ CURRENT APPLICATION NUMBER: US/10/341,582
/ CURRENT FILING DATE: 2003-01-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1741
US-10-106-749-1
/ Sequence 1, Application US/10106749
/ Publication No. US20030165879A1
/ GENERAL INFORMATION:
/ APPLICANT: Inscent, Inc.
/ APPLICANT: Woods, Daniel
/ APPLICANT: Dimitracos, Spiros
/ TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE
```

; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-106-749-1

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT 15

RESULT 1742
US-10-106-749-5
; Sequence 5, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Inscent, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitrac, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECH
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLAT
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-106-749-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT 15

RESULT 1743
US-10-384-451-5
; Sequence 5, Application US/10384451
; Publication No. US20030170860A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25718
; CURRENT APPLICATION NUMBER: US/10/384,451
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT 15

RESULT 1744
US-10-269-031A-54
; Sequence 54, Application US/10269031A
; Publication No. US20030175749A1
; GENERAL INFORMATION:
; APPLICANT: JONG-YOON, CHUN
; TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES
; FILE REFERENCE: 64488-012
; CURRENT APPLICATION NUMBER: US/10/269,031A
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 10/014,496
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: PCT/KR01/02133
; PRIOR FILING DATE: 2001-12-08
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-269-031A-54

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
1 TTTT TTTT TTTT TTTT 15

RESULT 1745
US-10-352-704-10
; Sequence 10, Application US/10352704
; Publication No. US20030176590A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for preparing polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
STATE: D.C.
COUNTRY: U.S.A.

ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-352-704-10

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1746
US-10-352-704-16/C
Sequence 16, Application US/10352704
Publication No. US20030176690A1
GENERAL INFORMATION:
APPLICANT: Chatelet, Francois
Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704

FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-352-704-16

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 15 TTTT TTTT TTTT TTTT 1

RESULT 1747
US-10-154-890-17
Sequence 17, Application US/10154890
Publication No. US20030180734A1
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: IS150540
CURRENT APPLICATION NUMBER: US/10/154,890
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US/08/108,591
PRIOR FILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patent in version 3.1
SEQ ID NO 17
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030180734A1 Sequence
US-10-154-890-17

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

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RESULT 1748
US-10-154-890-18/c
; Sequence 18, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Esgil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS150540
; CURRENT APPLICATION NUMBER: US/10/154, 890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-18

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      15 TTTT TTTT TTTT TTTT 1

RESULT 1749
US-10-431-438-5
; Sequence 5, Application US/10431438
; Publication No. US20030180788A1
; GENERAL INFORMATION:
; APPLICANT: goldsmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 26013
; CURRENT APPLICATION NUMBER: US/10/431,438
; CURRENT FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-10-431-438-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1750
US-10-091-231-2
; Sequence 2, Application US/10091231
; Publication No. US20030181712A1
; GENERAL INFORMATION:
```

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; APPLICANT: NELSON, Jeffrey S.
; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION
; FILE REFERENCE: 4688US
; CURRENT APPLICATION NUMBER: US/10/091,231
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/274,309
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-091-231-2

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1751
US-10-384-450-5
; Sequence 5, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1752
US-10-371-218A-5
; Sequence 5, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; APPLICANT: Goldschmidt, Orit
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
; FILE REFERENCE: 25783
; CURRENT APPLICATION NUMBER: US/10/371,218A
```

/ CURRENT FILING DATE: 2003-07-01
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 5
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-371-218A-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1753
US-10-045-674-622
/ Sequence 622, Application US/10045674
/ Publication No. US200302333A1
/ GENERAL INFORMATION:
/ APPLICANT: LADNER, ROBERT C.
/ APPLICANT: COHEN, EDWARD H.
/ APPLICANT: NASTRI, HORACIO G.
/ APPLICANT: ROOKEY, KRISTIN L.
/ APPLICANT: HOET, RENE
/ APPLICANT: HOEGENROOD, HENDRICUS R. J. M.
/ TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING
/ TITLE OF INVENTION: DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY
/ TITLE OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL
/ TITLE OF INVENTION: LIBRARIES
/ FILE REFERENCE: DYAX/002 CIP2
/ CURRENT APPLICATION NUMBER: US/10/045,674
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 60/198,069
/ PRIOR FILING DATE: 2000-04-17
/ PRIOR APPLICATION NUMBER: 09/837,306
/ PRIOR FILING DATE: 2001-04-17
/ NUMBER OF SEQ ID NOS: 635
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 622
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Illustrative
US-10-045-674-622

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1754
US-10-456-573-5
/ Sequence 5, Application US/10456573
/ Publication No. US20030236215A1
/ GENERAL INFORMATION:
/ APPLICANT: Pecker, Iris
/ APPLICANT: Vlodavsky, Israel
/ APPLICANT: Feinstein, Elena
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
/ TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
/ FILE REFERENCE: 25677

/ CURRENT APPLICATION NUMBER: US/10/456,573
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: US 09/435,739
/ PRIOR FILING DATE: 1999-11-08
/ PRIOR APPLICATION NUMBER: US 09/258,892
/ PRIOR FILING DATE: 1999-03-01
/ PRIOR APPLICATION NUMBER: PCT/US98/17954
/ PRIOR FILING DATE: 1998-08-03
/ PRIOR APPLICATION NUMBER: US 08/922,170
/ PRIOR FILING DATE: 1997-09-02
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 5
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-456-573-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1755
US-10-360-275-10
/ Sequence 10, Application US/10360275
/ Publication No. US2004001464A1
/ GENERAL INFORMATION:
/ APPLICANT: Active Motif
/ APPLICANT: Efimov, Vladimir
/ APPLICANT: Fernandez, Joseph
/ APPLICANT: Archdeacon, Dorothy
/ APPLICANT: Archdeacon, John
/ APPLICANT: Choob, Mithal
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: AM102 P.1.1.1us
/ CURRENT APPLICATION NUMBER: US/10/360,275
/ CURRENT FILING DATE: 2003-02-07
/ PRIOR APPLICATION NUMBER: US 10/072,975
/ PRIOR FILING DATE: 2002-02-09
/ PRIOR APPLICATION NUMBER: US 09/805,296
/ PRIOR FILING DATE: 2001-03-13
/ PRIOR APPLICATION NUMBER: US 60/189,190
/ PRIOR FILING DATE: 2000-03-14
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 10
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc.feature
/ OTHER INFORMATION: SyntheticConstruct
US-10-360-275-10

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1756
US-10-344-092-2
; Sequence 2, Application US/103444092
; Publication No. US20040087807A1
; GENERAL INFORMATION:
; APPLICANT: Raddatz, Stefan
; APPLICANT: Muller-Ideler, Jochen
; APPLICANT: Scheltzer, Markus
; APPLICANT: Brucher, Christoph
; APPLICANT: Windhab, Norbert
; APPLICANT: Havens, John R.
; APPLICANT: Onofrey, Thomas J.
; APPLICANT: Greef, Charles H.
; APPLICANT: Wang, Daquan
; TITLE OF INVENTION: NEW HYDRAZIDE BUILDING BLOCKS AND HYDRAZIDE MODIFIED BIOMOLECULES
; FILE REFERENCE: 612,406-032
; CURRENT APPLICATION NUMBER: US/10/344,092
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: PCT/US00/22205
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: PCT/US01/41663
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sample oligo
US-10-344-092-2

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1757
US-10-785-116-5
; Sequence 5, Application US/10785116
; Publication No. US20040142427A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodevsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 27674
; CURRENT APPLICATION NUMBER: US/10/785,116
; CURRENT FILING DATE: 2004-02-25
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-785-116-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1758
US-09-739-928-3
; Sequence 3, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Gampert, Howard B.
; APPLICANT: Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; City: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = chymidine modified by 6-aminohexanoic acid
; (-NH(CH₂-2)-6COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-739-928-3

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1759
US-09-739-928-4
; Sequence 4, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.

```

1 Luktanov, Eugeny A.
2 Gamber, Howard B.
3 Meyer Jr., Rich B.
4 TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
5 Groove Binder Conjugates
6
7 NUMBER OF SEQUENCES: 12
8 CORRESPONDENCE ADDRESS:
9 ADDRESSEE: Townsend and Townsend and Crew LLP
10 STREET: Two Embarcadero Center, Eighth Floor
11 CITY: San Francisco
12 STATE: California
13 COUNTRY: USA
14 ZIP: 94111-3834
15
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: Floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20 SOFTWARE: PatentIn Release #1.0, Version #1.30
21
22 CURRENT APPLICATION DATA:
23 APPLICATION NUMBER: US/09/739,928
24 FILING DATE: 11-May-2001
25 CLASSIFICATION: <Unknown>
26
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 08/415,370
29 FILING DATE: 03-Apr-1995
30 APPLICATION NUMBER: US 09/141,764
31 FILING DATE: 27-AUG-1998
32 APPLICATION NUMBER: US 09/507,345
33 FILING DATE: 18-FEB-2000
34
35 ATTORNEY/AGENT INFORMATION:
36 NAME: Kezer, William B.
37 REGISTRATION NUMBER: 37,369
38 REFERENCE/DOCKET NUMBER: 17682A-003510US
39
40 TELECOMMUNICATION INFORMATION:
41 TELEPHONE: (415) 576-0200
42 TELEFAX: (415) 576-0300
43
44 INFORMATION FOR SEQ ID NO: 4:
45
46 SEQUENCE CHARACTERISTICS:
47 LENGTH: 16 base pairs
48 TYPE: nucleic acid
49 STRANDEDNESS: single
50 TOPOLOGY: linear
51
52 MOLECULE TYPE: DNA
53
54 FEATURE:
55 NAME/KEY: modified_base
56 LOCATION: 16
57 OTHER INFORMATION: /mod_base= OTHER
58 /note= "N = thymidine modified by minor groove binder moiety
59 represented by X, where m = one
60 4-amino-N-methylpyrrol-2-carboxylic acid residue"
61
62 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
63
64 US-09-739-928-4
65
66 Query Match 0.2%; Score 15; DB 1; Length 16;
67 Best Local Similarity 100.0%; Pred. No. 9.3e+02;
68 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0.
69
70 QY 4464 TTTT TTTT TTTT TTTT 4478
71 |||||
72 |||||
73 |||||
74 |||||
75 |||||
76
77 Db 1 TTTT TTTT TTTT TTTT 15
78
79 RESULT 1760
80 US-09-739-928-5
81 Sequence 5, Application US/09739928
82 Patent No. US20020052482A1
83
84 GENERAL INFORMATION:
85 APPLICANT: Kutyavin, Igor V.
86 Luktanov, Eugeny A.
87 Gamber, Howard B.
88 Meyer Jr., Rich B.
89
90 TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
91 Groove Binder Conjugates

```

```

1      NUMBER OF SEQUENCES: 12
2      CORRESPONDENCE ADDRESSES:
3      ADDRESSEE: Townsend and Townsend and Crew LLP
4      STREET: Two Embarcadero Center, Eighth Floor
5      CITY: San Francisco
6      STATE: California
7      COUNTRY: USA
8      ZIP: 94111-3834
9      COMPUTER READABLE FORM:
10     MEDIUM TYPE: Floppy disk
11     COMPUTER: IBM PC compatible
12     OPERATING SYSTEM: PC-DOS/MS-DOS
13     SOFTWARE: Patent Release #1.0, Version #1.30
14     CURRENT APPLICATION DATA:
15     APPLICATION NUMBER: US/09/739,928
16     FILING DATE: 11-May-2001
17     CLASSIFICATION: <Unknown>
18     PRIOR APPLICATION DATA:
19     APPLICATION NUMBER: US 08/415,370
20     FILING DATE: 03-APR-1995
21     APPLICATION NUMBER: US 09/141,764
22     FILING DATE: 27-AUG-1998
23     APPLICATION NUMBER: US 09/507,345
24     FILING DATE: 18-FEB-2000
25     ATTORNEY/AGENT INFORMATION:
26     NAME: Kezer, William B.
27     REGISTRATION NUMBER: 37,369
28     REFERENCE/DOCKET NUMBER: 17682A-003510US
29     TELECOMMUNICATION INFORMATION:
30     TELEPHONE: (415) 576-0200
31     TELEFAX: (415) 576-0300
32     INFORMATION FOR SEQ ID NO: 5:
33     SEQUENCE CHARACTERISTICS:
34     LENGTH: 16 base pairs
35     TYPE: nucleic acid
36     STRANDEDNESS: single
37     TOPOLOGY: linear
38     MOLECULE TYPE: DNA
39     FEATURE:
40     NAME/KEY: modified_base
41     LOCATION: 16
42     OTHER INFORMATION: /mod_base= OTHER
43     /note= "N = thymidine modified by minor groove binder moiety
44     represented by X, where m = two
45     4-amino-N-methylpyrrol-2-carboxylic acid residues"
46     SEQUENCE DESCRIPTION: SEQ ID NO: 5:
47     ;
48     US-09-739-928-5
49     ;
50     Query Match          0.24; Score 15; DB 1; Length 16;
51     Best Local Similarity 100.0%; Pred. No. 9.3e+02;
52     Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
53     ;
54     QY      4464 TTTT TTTT TTTT TTTT 4478
55     DB      1 TTT TTT TTT TTT TTT 15
56     ;
57     RESULT 1761
58     US-09-739-928-6
59     ; Sequence 6, Application US/09739928
60     ; Patent No. US20020052482A1
61     ; GENERAL INFORMATION:
62     ; APPLICANT: Kutyavln, Igor V.
63     ; Lukhtanov, Eugeny A.
64     ; Gamper, Howard B.
65     ; Meyer Jr., Rich B.
66     ; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
67     ; Groove Binder Conjugates
68     ; NUMBER OF SEQUENCES: 12
69     ; CORRESPONDENCE ADDRESS:
70     ; ADDRESSEE: Townsend and Townsend and Crew LLP
71     ; STREET: Two Embarcadero Center, Eighth Floor
72     ; CITY: San Francisco

```

```
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod base= OTHER
/Note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = three
4-amino-N-methylpyrrol-2-carboxylic acid residues"
US-09-739-928-6
Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15
RESULT 1762
US-09-739-928-7
Sequence 7, Application US/09739928
Patent No. US20020052482A1
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Gampert, Howard B.
Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
APPLICATION NUMBER: US/09/739,928
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod base= OTHER
/Note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = four
4-amino-N-methylpyrrol-2-carboxylic acid residues"
US-09-739-928-7
Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15
RESULT 1763
US-09-739-928-8
Sequence 8, Application US/09739928
Patent No. US20020052482A1
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Gampert, Howard B.
Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
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; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = five
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-739-928-8

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
Db 1 TTTTTTTTTTTTTT 15

RESULT 1764
US-09-894-159-64/C
; Sequence 64, Application US/09894159
; Publication No. US20030149237A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Vellizar
; APPLICANT: Paturjan, Meera
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimil
; APPLICANT: Herrmann, John L
; APPLICANT: MacDougall, John R
; APPLICANT: Rastelli, Luca
; APPLICANT: Zhong, Haihong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Gangolli, Saha A
; APPLICANT: Stone, David J
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 21402-033
; CURRENT APPLICATION NUMBER: US/09/894,159
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/248,153
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/214,759
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/263,215
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; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/244,546
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-894-159-64

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTT 4477
Db 15 CTTTTTTTTTTTTT 1

RESULT 1765
US-10-227-001-20
; Sequence 20, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Alonina, Irina Aleksandrova
; APPLICANT: Vermeulen, Nicolas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; TITLE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: polydT-MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: conjugate
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: n = thymine modified by MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
US-10-227-001-20

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
Db 2 TTTTTTTTTTTTTT 16

RESULT 1766
US-10-164-915-2/C
; Sequence 2, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optica
; TITLE OF INVENTION: for Detection of Interactions Involving a Conformational Change
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
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; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
; US-10-164-915-2

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4478
Db      16  TTTT TTTT TTTT TTTT 2

RESULT 1767
US-09-866-108-1537/c
; Sequence 1537, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
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; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-1537

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2474 TCCAGGCGCACCAGCC 2488
Db      17  TCCAGGCGCACCAGCC 3

RESULT 1768
US-09-866-108-1538/c
; Sequence 1538, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-1538

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
```

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2474 TCCAGGCGACGACC 2488
DB 16 TCCAGGCGACGACC 2

RESULT 1769
US-09-866-108-1539/c
Sequence 1539, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOHICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO: 1539
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1539

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03; 0; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0;

QY 2474 TCCAGGCGACGACC 2488
DB 15 TCCAGGCGACGACC 1

RESULT 1770
US-09-090-672B-105
Sequence 105, Application US/09090672B

Patent No. US20020068707A1
GENERAL INFORMATION:
APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura, Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada, Shigemasa; Takei, Masami
TITLE OF INVENTION: IGA Nephropathy-Related Genes
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
ZIP: 10112-3801
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: Compaq PC
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/090,672B
FILING DATE: 04-JUNE-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP97/04468
FILING DATE: 05-DEC-1997
APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-105

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03; 0; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 2 TTTT TTTT TTTT TTTT 16

RESULT 1771
US-09-090-672B-107
Sequence 107, Application US/09090672B
Patent No. US20020068707A1
GENERAL INFORMATION:
APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura, Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada, Shigemasa; Takei, Masami
TITLE OF INVENTION: IGA Nephropathy-Related Genes
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
ZIP: 10112-3801
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: Compaq PC
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect 8.0

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
; US-09-090-672B-107
```

```

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db      2 TTTT TTTT TTTT TTTT 16
```

```

RESULT 1772
US-09-730-559B-107
; Sequence 107, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIRO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAMADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-730-559B-107
```

```

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db      2 TTTT TTTT TTTT TTTT 16
```

RESULT 1773

```

US-09-730-559B-109
; Sequence 109, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIRO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAMADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 109
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-730-559B-109
```

```

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db      2 TTTT TTTT TTTT TTTT 16
```

```

RESULT 1774
US-10-380-254-3
; Sequence 3, Application US/10380254
; Publication No. US20040038252A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64773
; CURRENT APPLICATION NUMBER: US/10/380,254
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08246
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-291318
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-254-3
```

```

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db      2 TTTT TTTT TTTT TTTT 16
```

RESULT 1775
US-10-380-254-4

```
/ Sequence 4, Application US/10380254
/ Publication No. US20040038252A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita et al.
/ TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
/ FILE REFERENCE: 6235-64773
/ CURRENT APPLICATION NUMBER: US/10/380,254
/ CURRENT FILING DATE: 2003-03-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08246
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: JP 2000-291318
/ PRIOR FILING DATE: 2000-09-25
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:an artificially
US-10-380-254-4
```

```
Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4478
          |||||
Db      2 TTTT TTTT TTTT TTTT TTTT 16
```

```
RESULT 1776
US-10-398-885A-2
/ Sequence 2, Application US/10398885A
/ Publication No. US20040053282A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryoichi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ APPLICANT: Takahashi, Eiki
/ TITLE OF INVENTION: Method of Testing For Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07907
/ CURRENT APPLICATION NUMBER: US/10/398,885A
/ CURRENT FILING DATE: 2003-08-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08937
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-885A-2
```

```
Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4478
          |||||
Db      2 TTTT TTTT TTTT TTTT TTTT 16
```

```
RESULT 1777
US-10-398-885A-3
```

```
/ Sequence 3, Application US/10398885A
/ Publication No. US20040053282A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryoichi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ APPLICANT: Takahashi, Eiki
/ TITLE OF INVENTION: Method of Testing For Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07907
/ CURRENT APPLICATION NUMBER: US/10/398,885A
/ CURRENT FILING DATE: 2003-08-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08937
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-885A-3
```

```
Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4478
          |||||
Db      2 TTTT TTTT TTTT TTTT TTTT 16
```

```
RESULT 1778
US-10-398-877-18
/ Sequence 18, Application US/10398877
/ Publication No. US20040058351A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryoichi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ TITLE OF INVENTION: Method of Testing for Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07906
/ CURRENT APPLICATION NUMBER: US/10/398,877
/ CURRENT FILING DATE: 2003-04-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08574
/ PRIOR FILING DATE: 2001-09-28
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 18
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-877-18
```

```
Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4478
          |||||
Db      2 TTTT TTTT TTTT TTTT TTTT 16
```

```
RESULT 1779
US-10-398-877-19
; Sequence 19, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryochi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-19

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4478
      2 TTTT TTTT TTTT TTTT TTTT 16
Db

RESULT 1780
US-09-927-046-2114
; Sequence 2114, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-2114

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+03;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      5017 GGGCTCTGGGAGGAG 5031
      2 GGGCTCTGGGAGGAG 16
Db
```

```
RESULT 1781
US-09-927-046-2115
; Sequence 2115, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2115
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-2115

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+03;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      5017 GGGCTCTGGGAGGAG 5031
      1 GGGCTCTGGGAGGAG 15
Db

RESULT 1782
US-10-291-808-63
; Sequence 63, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Tenkile, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-63

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4478
      2 TTTT TTTT TTTT TTTT TTTT 16
Db
```

```
RESULT 1783
US-10-408-025-5
; Sequence 5, Application US/10408025
; Publication No. US20030224423A1
; GENERAL INFORMATION:
; APPLICANT: Matsumoto, Yoshiko
; APPLICANT: Imai, Yukiko
; APPLICANT: Yoshida, Nei
; APPLICANT: Oshida, Tadashiro
; APPLICANT: Sugita, Yuji
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07914
; CURRENT APPLICATION NUMBER: US/10/408,025
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 2002-100908
; PRIOR FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: PCT/JP03/02047
; PRIOR FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-408-025-5

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 2 TTTT TTTT TTTT TTTT 16

RESULT 1784
US-10-156-306-522
; Sequence 522, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-522

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 1; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT 4477
DB 2 CUUUUUUUUUUUUUUU 16

RESULT 1785
US-10-156-306-523
; Sequence 523, Application US/10156306
; Publication No. US20030119017A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-523

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 1; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT 4477
DB 1 CUUUUUUUUUUUUUUU 15

RESULT 1786
US-10-309-152A-3
; Sequence 3, Application US/10309152A
; Publication No. US20030175759A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi LTD.
; TITLE OF INVENTION: A method for prediction of genes and a method for providing a list
; FILE REFERENCE: H02001031A
; CURRENT APPLICATION NUMBER: US/10/309,152A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: JP 2002-047297
; PRIOR FILING DATE: 2002-02-25
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo-d(T) primer by Nippon Flour Mills
US-10-309-152A-3

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 2 TTTT TTTT TTTT TTTT 16

RESULT 1787
US-10-220-373-7
; Sequence 7, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadashiro
; APPLICANT: OBAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SH2-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patentin Ver. 2.0
```

```
/ SEQ ID NO 7
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Artificially
US-10-220-373-7
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1788
US-10-220-373-8
/ Sequence 8, Application US/10220373
/ Publication No. US20030180743A1
/ GENERAL INFORMATION:
/ APPLICANT: NAGASU, Takeshi
/ APPLICANT: OSHIDA, Tadahiro
/ APPLICANT: OBAVASHI, Izumi
/ APPLICANT: MATSUI, Keiko
/ APPLICANT: SAITO, Hirohisa
/ TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
/ FILE REFERENCE: SH2-010US
/ CURRENT APPLICATION NUMBER: US/10/220.373
/ CURRENT FILING DATE: 2002-08-30
/ PRIOR APPLICATION NUMBER: JP 2000-61832
/ PRIOR FILING DATE: 2000-03-02
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 8
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Artificially
US-10-220-373-8
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1789
US-10-380-255-6
/ Sequence 6, Application US/10380255
/ Publication No. US20040023263A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita et al.
/ TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
/ FILE REFERENCE: 6235-64935
/ CURRENT APPLICATION NUMBER: US/10/380.255
/ CURRENT FILING DATE: 2003-03-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08247
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: JP 2000-293021
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 17
/ TYPE: DNA
```

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:an artificially
/ OTHER INFORMATION: synthesized primer sequence
US-10-380-255-6
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1790
US-10-380-255-7
/ Sequence 7, Application US/10380255
/ Publication No. US20040023263A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita et al.
/ TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
/ FILE REFERENCE: 6235-64935
/ CURRENT APPLICATION NUMBER: US/10/380.255
/ CURRENT FILING DATE: 2003-03-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08247
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: JP 2000-293021
/ PRIOR FILING DATE: 2000-09-26
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:an artificially
US-10-380-255-7
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1791
US-10-138-674-1071
/ Sequence 1071, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138.674
/ CURRENT FILING DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1071
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-138-674-1071

Query Match          0.2%; Score 15; DB 1; Length 17;
```


Best Local Similarity 13.3%; Pred. No. 1e+03;
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTT 4476
||:|||||:

DB 3 UUUUUUUUUUUUU 17

RESULT 1792

US-10-138-674-1076
; Sequence 1076, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent version 3.0
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1076

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1e+03;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTT 4478
|||||:

DB 1 UUUUUUUUUUUUU 15

RESULT 1793

US-10-287-949A-1071
; Sequence 1071, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent version 3.0
; SEQ ID NO 1071
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1071

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1e+03;
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTT 4476
||:|||||:

DB 3 UUUUUUUUUUUUU 17

RESULT 1794

US-10-287-949A-1076
; Sequence 1076, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent version 3.0
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1076

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1e+03;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTT 4478
|||||:

DB 1 UUUUUUUUUUUUU 15

RESULT 1795

US-10-723-361-1537/c
; Sequence 1537, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA

```
/ ORGANISM: Homo sapiens
US-10-723-361-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474  TCCAGGCGCACCAGCC 2488
Db      17  TCCAGGCGCACCAGCC 3

RESULT 1796
US-10-723-361-1538/c
; Sequence 1538, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-1538

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474  TCCAGGCGCACCAGCC 2488
Db      16  TCCAGGCGCACCAGCC 2

RESULT 1797
US-10-723-361-1539/c
; Sequence 1539, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 1539
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-1539

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474  TCCAGGCGCACCAGCC 2488
Db      15  TCCAGGCGCACCAGCC 1

RESULT 1798
US-10-239-734-3
; Sequence 3, Application US/10239734
; Publication No. US20040161746A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER FOR
; APPLICANT: CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Matsumoto, Yoshihiko
; APPLICANT: Tsujimoto, Gozoh
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Sugita, Yoji
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Imai, Yukiko
; TITLE OF INVENTION: Method of Testing For Allergic Disease
; FILE REFERENCE: SHIMIZU-07379
; CURRENT APPLICATION NUMBER: US/10/239,734
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: PCT/JP01/11286
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 2000-389476 JP
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 17
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "G115A", an artificially synthesized primer sequence
US-10-239-734-3

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
      |||||
Db 2 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1799
US-10-239-734-4
; Sequence 4, Application US/10239734
; Publication No. US20040161746A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER FOR
; APPLICANT: CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Matsumoto, Yoshiko
; APPLICANT: Tsujimoto, Gozoh
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Sugita, Yuji
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Imai, Yukiko
; TITLE OF INVENTION: Method of Testing For Allergic Disease
; FILE REFERENCE: SHIMIZU-07379
; CURRENT APPLICATION NUMBER: US/10/239,734
; PRIOR FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: PCT/JP01/11286
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 2000-389476 JP
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "G115C", an artificially synthesized primer sequence
US-10-239-734-4

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
      |||||
Db 2 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1800
US-10-735-592-10
; Sequence 10, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CpG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
```

```

; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-10

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTT TTTT TTTT TTTT TTTT 4477
      |||||
Db 3 CTTT TTTT TTTT TTTT TTTT 17

RESULT 1801
US-09-904-744-1/c
; Sequence 1, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbara-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-1

Query Match          0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
      |||||
Db 18 TTTT TTTT TTTT TTTT TTTT 4

RESULT 1802
US-09-904-744-2
; Sequence 2, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbara-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: synthesized
US-09-904-744-2

Query Match 0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 4 TTTT TTTT TTTT TTTT 18

RESULT 1803

US-09-775-479-9
; Sequence 9, Application US/09775479
; Publication No. US20040067197A1
; GENERAL INFORMATION:
; APPLICANT: LECIERC, Guy
; APPLICANT: MARTEL, R.mi
; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF
; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF PREPARATION AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; FILE REFERENCE: 12168-US-2
; CURRENT APPLICATION NUMBER: US/09/775,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/318,106
; PRIOR FILING DATE: 1999-05-24
; PRIOR APPLICATION NUMBER: 08/756,728
; PRIOR FILING DATE: 1996-11-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-9

Query Match 0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1804

US-10-181-603-11
; Sequence 11, Application US/10181603
; Publication No. US20030049662A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RSP-0342
; CURRENT APPLICATION NUMBER: US/10/181,603
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01165
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/487,444
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-603-11

Query Match 0.2%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAG 7427
|||||
Db 4 CAGCAGCAGCAGCAG 18

RESULT 1805

US-09-906-158-23
; Sequence 23, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RFS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-23

Query Match 0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4290 TTGCAGTGCATCTT 4304
|||||
Db 2 TTGCAGTGCATCTT 16

RESULT 1806
US-10-216-484-93
; Sequence 93, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030103976A1ufusa
; APPLICANT: Haruyama, Hideyuki
; APPLICANT: Nakahara, Kaori
; APPLICANT: Tamaki, Ikuko
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT APPLICATION NUMBER: US/10/216,484
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 09/053,583
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequencing
; OTHER INFORMATION: primer for a DNA encoding the heavy chain of a
; OTHER INFORMATION: humanized anti-Fas antibody
US-10-216-484-93

Query Match 0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7181 GTGGGCGATGTGCA 7195
|||||
Db 5 GTGGGCGATGTGCA 19

```
RESULT 1807
US-10-384-933-93
; Sequence 93, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030170817A1ufusa
; APPLICANT: Hanyama, Hideyuki
; APPLICANT: Nakanata, Kaori
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT APPLICATION NUMBER: US/10/384,933
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequencing
; OTHER INFORMATION: primer for a DNA encoding the heavy chain of a
; OTHER INFORMATION: humanized anti-Fas antibody
US-10-384-933-93

Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7181 GGTGGCATGTGTGA 7195
DB 5 GGTGGCATGTGTGA 19

RESULT 1808
US-10-388-263-472
; Sequence 472, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Saemor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Chashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 472
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-472

Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4290 TTGCAAGTCATCTT 4304
DB 2 TTGCAAGTCATCTT 16

RESULT 1809
US-10-173-718-17
; Sequence 17, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PIS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-17

Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2533 GCAGATGAGCTCCAG 2547
DB 6 GCAGATGAGCTCCAG 20

RESULT 1810
US-10-173-718-87/C
; Sequence 87, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PIS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-87

Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2533 GCAGATGAGCTCCAG 2547
DB 15 GCAGATGAGCTCCAG 1

RESULT 1811
US-10-377-079-87
; Sequence 87, Application US/10377079
; Publication No. US20030236395A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,
; TITLE OF INVENTION: Antibodies and Methods
; FILE REFERENCE: P-1J 3611
```

```
; CURRENT APPLICATION NUMBER: US/10/377,079
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/09/389,956.
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 20.
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-377-079-87
```

```
Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4647 GGAATTCCTCTTGG 4661
          |||
          6 GGAATTCCTCTTGG 20
```

```
RESULT 1812
US-10-688-706-2908
; Sequence 2908, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brocchat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2908
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2908
```

```
Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      6977 AAAAAACAAACAGAA 6991
          |||
          1 AAAAAACAAACAGAA 15
```

```
RESULT 1813
US-10-476-021-57
; Sequence 57, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-10-476-021-57
```

```
Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1765 GTCATCCTGCCAGG 1779
          |||
          1 GTCATCCTGCCAGG 15
```

```
RESULT 1814
US-09-775-479-17/c
; Sequence 17, Application US/09775479
; Publication No. US20040067197A1
; GENERAL INFORMATION:
; APPLICANT: LECIERC, Guy
; APPLICANT: MARTEL, R,m1
; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF
; TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF PREPARATION AND
; FILE REFERENCE: 12168-IUS-2
; CURRENT APPLICATION NUMBER: US/09/775,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/318,106
; PRIOR FILING DATE: 1999-05-24
; PRIOR APPLICATION NUMBER: 08/756,728
; PRIOR FILING DATE: 1996-11-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-17
```

```
Query Match          0.2%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTT 4478
          |||
          18 TTTTTTTTTTTTTTTT 4
```

```
RESULT 1815
US-10-349-143-9155/c
; Sequence 9155, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9155
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

```
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-22646 for SEQ 1290, in complete
US-10-349-143-9155

Query Match
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5151 GGGAGGGGAGTTCTC 5155
DB 21 GGGAGGGGAGTTCTC 7

RESULT 1816
US-10-324-409B-18
/ Sequence 18, Application US/10324409B
/ Publication No. US2004008680A1
/ GENERAL INFORMATION:
/ APPLICANT: Sampson, et al.
/ TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
/ FILE REFERENCE: 200309-0028
/ CURRENT APPLICATION NUMBER: US/10/324,409B
/ FILING DATE: 2002-12-18
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 18
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Incubate with
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(4)
/ OTHER INFORMATION: N = any nucleotide.
US-10-324-409B-18

Query Match
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4477
DB 8 CTTTTTTTTTTTTTTT 22

RESULT 1817
US-09-263-959-409/c
/ Sequence 409, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
```

```
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 409:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-409

Query Match
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTGTTGTTGTTCT 4487
DB 23 TTTGTTGTTGTTGTTGTTGTT 1

RESULT 1818
US-09-263-959-493
/ Sequence 493, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 493:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-493

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTGTTGTTGTTCT 4487
DB 23 TTTGTTGTTGTTGTTGTTGTT 1
```

```

Db      1 TTGTTGTTGTTGTTGTTT 23

RESULT 1819
US-09-093-972C-953
; Sequence 953, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESSES:
; ADDRESS: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 953:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 953:
US-09-093-972C-953

Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5699 TTGCTTCCTTTCTCTCTC 5721
Db      1 TTTTCCTTCCTTTGCTCTCTC 23

RESULT 1820
US-09-911-904-105/c
; Sequence 105, Application US/09911904
; Publication No. US2003009634A1
; GENERAL INFORMATION:
; APPLICANT: Fair, Spencer B.
; APPLICANT: Pickett, Gavin G.
; APPLICANT: Neft, Robin Eileen

```

```

; APPLICANT: Dunn, II, Robert Thomas
; TITLE OF INVENTION: CANINE TOXICITY GENES
; FILE REFERENCE: 400742000200
; CURRENT APPLICATION NUMBER: US/09/911,904
; PRIOR FILING DATE: 2002-04-09
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 386
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-911-904-105

Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4735 GGCCAGCTGGAGAGAGAGGCTC 4757
Db      23 GGCCATGAGGAGCAGAGAGGCTC 1

RESULT 1821
US-09-864-636A-2161
; Sequence 2161, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Alim, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 2161
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2161

Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      2861 AGGAGCAAGAGAGAGGAGGTG 2883
Db      1 AGGATTCATGAGAGAGAGGCG 23

RESULT 1822
US-09-844-861A-79/c
; Sequence 79, Application US/09844861A
; Publication No. US20030216304A1
; GENERAL INFORMATION:
; APPLICANT: Padigara, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Spytek, Kimberly
; APPLICANT: Burgess, Catherine
; APPLICANT: Lepley, Denise
; APPLICANT: Grose, William
; APPLICANT: Szekeres, Edward
; APPLICANT: Alsobrook, John
; APPLICANT: Gangoli, Beha
; APPLICANT: Casman, Stacie
; APPLICANT: MacDougall, John
; APPLICANT: Smithson, Glenda

```



```
/ TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 15966-789 US
/ CURRENT APPLICATION NUMBER: US/09/844,861A
/ CURRENT FILING DATE: 2001-04-27
/ PRIOR APPLICATION NUMBER: 60/199,947
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/199,960
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/225,226
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/256,399
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/256,524
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/258,159
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/258,511
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/258,828
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/259,659
/ PRIOR FILING DATE: 2001-01-04
/ PRIOR APPLICATION NUMBER: 60/275,604
/ PRIOR FILING DATE: 2001-03-13
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 79
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
/ US-09-844-861A-79
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Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      267 GCAGGTGTTCCAGGC 281
Db      17 GCAGGTGTTCCAGGC 3
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RESULT 1823
US-09-844-861A-82/c
/ Sequence 82, Application US/09844861A
/ Publication No. US20030216304A1
/ GENERAL INFORMATION:
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Mishra, Vishnu
/ APPLICANT: Spytek, Kimberly
/ APPLICANT: Burgess, Catherine
/ APPLICANT: Lepley, Denise
/ APPLICANT: Grosse, William
/ APPLICANT: Szekeres, Edward
/ APPLICANT: Alsebrook, John
/ APPLICANT: Gangoli, Esha
/ APPLICANT: Casman, Stacie
/ APPLICANT: MacDougall, John
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 15966-789 US
/ CURRENT APPLICATION NUMBER: US/09/844,861A
/ CURRENT FILING DATE: 2001-04-27
/ PRIOR APPLICATION NUMBER: 60/199,947
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/199,960
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/225,226
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/256,399
/ PRIOR FILING DATE: 2000-12-18
```

```
/ PRIOR APPLICATION NUMBER: 60/256,524
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/258,159
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/258,511
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/258,828
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/259,659
/ PRIOR FILING DATE: 2001-01-04
/ PRIOR APPLICATION NUMBER: 60/275,604
/ PRIOR FILING DATE: 2001-03-13
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 82
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
/ US-09-844-861A-82
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Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      267 GCAGGTGTTCCAGGC 281
Db      17 GCAGGTGTTCCAGGC 3
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RESULT 1824
US-09-981-566A-166/c
/ Sequence 166, Application US/09981566A
/ Publication No. US20040005656A1
/ GENERAL INFORMATION:
/ APPLICANT: Kekuda et al.
/ TITLE OF INVENTION: No. US20040005656A1el GPCR-like Proteins and Nucleic Acids Encodi
/ FILE REFERENCE: 21402-163
/ CURRENT APPLICATION NUMBER: US/09/981,566A
/ CURRENT FILING DATE: 2001-10-16
/ PRIOR APPLICATION NUMBER: 60/240,704
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/262,159
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/263,340
/ PRIOR FILING DATE: 2001-01-22
/ PRIOR APPLICATION NUMBER: 60/264,118
/ PRIOR FILING DATE: 2001-01-25
/ PRIOR APPLICATION NUMBER: 60/308,203
/ PRIOR FILING DATE: 2001-07-27
/ PRIOR APPLICATION NUMBER: 60/243,497
/ PRIOR FILING DATE: 2000-10-26
/ PRIOR APPLICATION NUMBER: 60/244,542
/ PRIOR FILING DATE: 2000-10-31
/ PRIOR APPLICATION NUMBER: 60/269,031
/ PRIOR FILING DATE: 2001-02-15
/ PRIOR APPLICATION NUMBER: 60/245,484
/ PRIOR FILING DATE: 2000-11-03
/ PRIOR APPLICATION NUMBER: 60/255,017
/ PRIOR FILING DATE: 2000-12-12
/ PRIOR APPLICATION NUMBER: 60/263,216
/ PRIOR FILING DATE: 2001-01-22
/ PRIOR APPLICATION NUMBER: 60/268,225
/ PRIOR FILING DATE: 2001-02-12
/ NUMBER OF SEQ ID NOS: 209
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 166
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-981-566A-166

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 267 GCAGGTGTCAGGC 281
Db 17 GCAGGTGTCAGGC 3

RESULT 1825
US-09-864-426A-2161
; Sequence 2161, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Salser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2161
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2161

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2861 AGAAGCAAGAGAGAGAGGTG 2883
Db 1 AGGATTCATGAGAGAGAGCGC 23

RESULT 1826
US-10-380-533-53
; Sequence 53, Application US/10380533
; Publication No. US20040072186A1
; GENERAL INFORMATION:
; APPLICANT: University College Cardiff Consultants Ltd
; TITLE OF INVENTION: Transglutaminase Gene Products
; FILE REFERENCE: P504074PCT
; CURRENT APPLICATION NUMBER: US/10/380,533
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: GB0111995.7
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: GB0022768.6
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 144
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-380-533-53

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4731 TGGAGGCCAGCTGGAGAGAGAG 4753

Db 1 TGAAGCTCAGCCGAGGTAGAG 23

RESULT 1827
US-10-072-012-986
; Sequence 986, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zernusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shinkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangoli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Coleman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosee, William M.
; APPLICANT: Alsbrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 986
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOV96e Primer
US-10-072-012-986

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4731 TGGAGGCCAGCTGGAGAGAGAG 4753

Db 1 TGAAGCTCAGGAGAGAGAG 23

RESULT 1828
US-10-344-815-20/c
; Sequence 20, Application US/10344815
; Publication No. US20040038245A1
; GENERAL INFORMATION:
; APPLICANT: Belinsky, Steven A
; APPLICANT: Palmsano, William A
; TITLE OF INVENTION: Nested Methylation-Specific Polymerase Chain Reaction Cancer
; FILE REFERENCE: 41543-0002
; CURRENT APPLICATION NUMBER: US/10/344,815
; CURRENT FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: PCT/US0126452
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-344-815-20

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3167 GTTAGGTTGGTTGATCTT 3189
Db 23 GTTGGTTGTGTTGTTGTTGTT 1

RESULT 1829
US-10-384-491-59
; Sequence 59, Application US/10384491
; Publication No. US20030224040A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: BAYLIN, Stephen B.
; APPLICANT: HERMAN, James
; APPLICANT: SUZUKI, Hiromu
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED GENES ASSOCIATED WITH
; FILE REFERENCE: JHU1850-1
; CURRENT APPLICATION NUMBER: US/10/384,491
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/362,422
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 296
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 59
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-384-491-59

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3618 GAATGGGTGGGTGGGAGAG 3640
Db 1 GAAGGGGGTAGGTTAGGAGAG 23

RESULT 1830
US-10-007-607-3
; Sequence 3, Application US/10007607
; Publication No. US20020119478A1

GENERAL INFORMATION:
; APPLICANT: Unanue, Samuel R.
; APPLICANT: Lichtenstein, Anatoly V.
; APPLICANT: Melkonyan, Hovsep S.
; APPLICANT: Diagen Corporation
; TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in
; FILE REFERENCE: 020811-000111US
; CURRENT APPLICATION NUMBER: US/10/007,607
; CURRENT FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/634,732
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/048,170
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,381
; PRIOR FILING DATE: 1997-06-03
; PRIOR APPLICATION NUMBER: WO PCT/US98/10965
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/230,704
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21
US-10-007-607-3

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACGTTTGGCTTCCTTCC 5714
Db 1 CCATTCCTTGATTCGTTCC 23

RESULT 1831
US-10-085-906-527/c
; Sequence 527, Application US/10085906
; Publication No. US20030054571A1
; GENERAL INFORMATION:
; APPLICANT: Yang, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 527
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-527

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1173 TCCCATCTGCCCTGCTCAAG 1195

Qy 3912 CATTTTCACTCTGGCTTTT 3934
Db 23 CCTTCTCTCTCTAGGATTTCTT 1

RESULT 1836

US-10-340-582-23/c
; Sequence 23, Application US/10340582
; Publication No. US20030106103A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
; FILE REFERENCE: 10799/54
; CURRENT APPLICATION NUMBER: US/10/340,582
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-582-23

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3912 CATTTTCACTCTGGCTTTT 3934
Db 23 CCTTCTCTCTCTAGGATTTCTT 1

RESULT 1837

US-10-340-693-23/c
; Sequence 23, Application US/10340693
; Publication No. US20030106104A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
; FILE REFERENCE: 10799/49
; CURRENT APPLICATION NUMBER: US/10/340,693
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-693-23

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;

Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 3912 CATTTTCACTCTGGCTTTT 3934
Db 23 CCTTCTCTCTCTAGGATTTCTT 1

RESULT 1838

US-10-340-633-23/c
; Sequence 23, Application US/10340633
; Publication No. US20030115635A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
; FILE REFERENCE: 10799/47
; CURRENT APPLICATION NUMBER: US/10/340,633
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-633-23

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3912 CATTTTCACTCTGGCTTTT 3934
Db 23 CCTTCTCTCTCTAGGATTTCTT 1

RESULT 1839

US-10-340-813-23/c
; Sequence 23, Application US/10340813
; Publication No. US20030115636A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
; FILE REFERENCE: 10799/46
; CURRENT APPLICATION NUMBER: US/10/340,813
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-813-23

Query Match 0.2%; Score 15; DB 1; Length 23;

Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3912 CATTTCACCTCTGGCTCTTT 3934
Db 23 CCTTCTCTCTAGGATCTTT 1

RESULT 1840
US-10-340-650-23/C
; Sequence 23, Application US/10340650
; Publication No. US20030140377A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Liliy
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROXYNE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENEESCENCE AND PROGRAMMED
; FILE REFERENCE: 1079/50
; CURRENT APPLICATION NUMBER: US/10/340,650
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-650-23

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3912 CATTTCACCTCTGGCTCTTT 3934
Db 23 CCTTCTCTCTAGGATCTTT 1

RESULT 1841
US-10-166-412-20
; Sequence 20, Application US/10166412
; Publication No. US20030143560A1
; GENERAL INFORMATION:
; APPLICANT: Andersen, Gitte
; APPLICANT: Ek, Jakob
; APPLICANT: Hansen, Torben
; APPLICANT: Pedersen, Oluf Borbye
; TITLE OF INVENTION: Mutant DNA-Encoding Peroxisome
; TITLE OF INVENTION: Proliferator-Activated Receptor- γ Coactivator-1
; FILE REFERENCE: 6311, 200-US
; CURRENT APPLICATION NUMBER: US/10/166,412
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: PA 2001 01080
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: EP 01610061.2
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/296,920
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/304,378
; PRIOR FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-166-412-20

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 7022 CAGAGAAATAGAAACCTCC 7044
Db 1 CACGAAAAAGAAACCTAC 23

RESULT 1842
US-10-087-229-15
; Sequence 15, Application US/10087229
; Publication No. US20030162184A1
; GENERAL INFORMATION:
; APPLICANT: Chou, Qun
; APPLICANT: Cabradilla, Cirilo D.
; TITLE OF INVENTION: Methods of using PET labeled
; TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant
; TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same
; FILE REFERENCE: BIOS-001
; CURRENT APPLICATION NUMBER: US/10/087,229
; CURRENT FILING DATE: 2002-02-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-087-229-15

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4896 CACAAACATTCATTATGAGAAA 4918
Db 1 CCCAAAAATTCATTATGCTGCAA 23

RESULT 1843
US-10-106-749-6
; Sequence 6, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Insecent, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitracos, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECI
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE
; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent Version 3.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: msec_feature

```
/ LOCATION: (16)..(23)
/ OTHER INFORMATION: "n" can be any nucleotide
US-10-106-749-6

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 23;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1844
US-10-222-943A-15
/ Sequence 15, Application US/10222943A
/ Publication No. US20030165920A1
/ GENERAL INFORMATION:
/ APPLICANT: Chou, Quin
/ APPLICANT: Cabradilla JR, Cirilo D.
/ TITLE OF INVENTION: Methods of Using FRT Labeled
/ TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant
/ FILE REFERENCE: BIOS-001CIP
/ CURRENT APPLICATION NUMBER: US/10/222,943A
/ PRIOR FILING DATE: 2002-08-15
/ PRIOR APPLICATION NUMBER: 10/087,229
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: human
US-10-222-943A-15

Query Match
Best Local Similarity 78.3%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4896 CACAAACATTCATTATGAGAAA 4918
DB 1 CCCAAAATTTCATTATGATCGCAA 23

RESULT 1845
US-10-240-540-5
/ Sequence 5, Application US/10240540
/ Publication No. US20030180813A1
/ GENERAL INFORMATION:
/ APPLICANT: Yamamoto Pharmaceutical Co., Ltd.
/ TITLE OF INVENTION: Method for screening agents for the treatment of diabetes
/ FILE REFERENCE: Y0128PCT-659
/ CURRENT APPLICATION NUMBER: US/10/240,540
/ PRIOR FILING DATE: 2002-10-02
/ PRIOR APPLICATION NUMBER: JP 2000-367349
/ PRIOR FILING DATE: 2000-12-01
/ PRIOR APPLICATION NUMBER: JP 2001-243841
/ NUMBER OF SEQ ID NOS: 26
/ SEQ ID NO 5
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-240-540-5

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2215 GGGGTGCTTGAAGCCAGCTACC 2237
DB 1 GGGGTGCTTGAAGCCAGCTACC 23
```

```
RESULT 1846
US-10-340-965-23/c
/ Sequence 23, Application US/10340965
/ Publication No. US20030182688A1
/ GENERAL INFORMATION:
/ APPLICANT: Thompson, John E.
/ APPLICANT: Wang, Tsann-Mei
/ APPLICANT: Lu, Dongen Lily
/ TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROXY SYNTHASE, TRANSGENIC
/ TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
/ FILE REFERENCE: 10799/44
/ CURRENT APPLICATION NUMBER: US/10/340,965
/ PRIOR FILING DATE: 2003-01-13
/ PRIOR APPLICATION NUMBER: 09/597,771
/ PRIOR FILING DATE: 2001-06-19
/ PRIOR APPLICATION NUMBER: 09/348,675
/ NUMBER OF SEQ ID NOS: 35
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 23
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-965-23

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3912 CATTTTCACCTCTGCTCTTT 3934
DB 23 CCTTCTCTCTCTAGATTCTTT 1

RESULT 1847
US-10-084-839-2161
/ Sequence 2161, Application US/10084839
/ Publication No. US20030186238A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Allawi, Hatim
/ APPLICANT: Argue, Brad T.
/ APPLICANT: Bartholomay, Christian T.
/ APPLICANT: Chehak, Ludne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Eis, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: IP, Hon S.
/ APPLICANT: Ji, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Lyamicheva, Natalie E.
/ APPLICANT: Ma, Mupo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06666
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ PRIOR FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
```

```

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2161
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2161

```

Query Match	0.2%	Score 15;	DB 1;	Length 23;
Best Local Similarity	78.3%;	Pred. No. 1.5e+03;		
Matches 18;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;

```

QY      2861  AGAAGCAAGAGAGAGGAGGTG  2883
          ||||  |||  |||||  ||||  |
Db      1  AGATTCATGAGAGAGAGGCG  23

```

```

RESULT 1848
US-10-272-461-61
, Sequence 61, Application US/10272461
, Publication No. US20040076955A1
, GENERAL INFORMATION:
, APPLICANT: Srivivasan, Sudha
, APPLICANT: Bingham, Jonathan
, TITLE OF INVENTION: METHODS AND SYSTEMS FOR POLYNUCLEOTIDE DETECTION
, FILE REFERENCE: 37087-8002 US 01
, CURRENT APPLICATION NUMBER: US/10/272,461
, CURRENT FILING DATE: 2002-10-16
, PRIOR APPLICATION NUMBER: US 60/343,298
, PRIOR FILING DATE: 2001-12-21
, NUMBER OF SEQ ID NOS: 104
, SOFTWARE: PatentIn version 3.2
, SEQ ID NO 61
, LENGTH: 23
, TYPE: DNA
, ORGANISM: Homo sapiens
US-10-272-461-61

```

Query Match	0.2%	Score 15;	DB 1;	Length 23;
Best Local Similarity	78.3%;	Pred. No. 1.5e+03;		
Matches 18;	Conservative	0;	Mismatches 5;	Indels 0;
			Gaps	0;

```

QY      6168 GACATTAAGGAAAAAGAGTGATG 6190
          ||||| ||| ||| |||||
Db      1 GACATCAAGCAATAGGAATGATG 23

```

```

RESULT 1849
US-10-303-588-7/C
; Sequence 7, Application US//10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
; US-10-303-588-7

```

Query Match	0.2%	Score 15;	DB 1;	Length 23;
Best Local Similarity	78.3%;	Pred. No. 1.5e+03;		
Matches 18;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;

QY 1548 GATCAAGTCTGGCCATCGCT 1570
||| | ||||| ||||| |||||

Db 23 GAAGACAGTCTGGCCGACGCCT 1

```

RESULT 1850
US-10-216-122-151
: Sequence 151, Application US/10216122
: Publication No. US20030121063A1
: GENERAL INFORMATION:
: APPLICANT: Kazazian, Haig H.
: APPLICANT: Oseretag, Eric
: TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
: FILE REFERENCE: 053893-5006-03
: CURRENT APPLICATION NUMBER: US/10/216,122
: PRIORITY FILING DATE: 2002-08-09
: PRIOR APPLICATION NUMBER: US 09/653,812
: PRIOR FILING DATE: 2000-09-01
: PRIOR APPLICATION NUMBER: US 08/847,844
: PRIOR FILING DATE: 1997-04-28
: PRIOR APPLICATION NUMBER: US 08/749,805
: PRIOR FILING DATE: 1996-11-15
: PRIOR APPLICATION NUMBER: US 60/006,831
: PRIOR FILING DATE: 1995-11-16
: NUMBER OF SEQ ID NOS: 154
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 151
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert
US-10-216-122-151

```

Query Match	0.2%;	Score 15;	DB 1;	Length 24;
Best Local Similarity	78.3%;	Pred. No. 1.5e+03;		
Matches 18;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;

```

Qy      4018  AGAAAAAAAAAGAGAGAAAAACAAAT  4040
          |||||  |  ||||  ||||
Db      2     AAAAAAAAAAAAAAAAAAAT  24

```

RESULT 1851-034-12
 US-09-828-034-12
 Sequence 12, Application US/09828034
 Patent No. US2002006477A1
 GENERAL INFORMATION:
 APPLICANT: Zhong, Weidong
 APPLICANT: Hong, Zhi
 APPLICANT: Ferrari, Eric
 TITLE OF INVENTION: HCV REPLICASE COMPLEXES
 FILE REFERENCE: IN01165
 CURRENT APPLICATION NUMBER: US/09/828,034
 CURRENT FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: U.S. 60/135,852
 PRIOR FILING DATE: 2000-04-06
 NUMBER OF SEQ ID NOS: 33
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 12
 LENGTH: 24
 TYPE: RNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
 US-09-828-034-12

Query Match	0.2%	Score 15;	DB 1;	Length 24;
Best Local Similarity	78.3%	Pred. NO. 1.5e+03;		
Matches 18; Conservative	0;	Mismatches 5;	Indels 0;	Gaps 0;

Qy 5774 GCCGGCCTGCCTGCCTGCCTGC 5796
Db 1 GCCCGCGCGCGCGCGCGCGCG 23

Db 26 GAAAAAAAAAAAAAAAAAAAAA 4

```
RESULT 1856
US-09-092-296-10/c
; Sequence 10, Application US/09092296
; Publication No. US20020188114A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,296
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/048,810
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6104.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-092-296-10
Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39
```

```
Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 4017 GAGAAAAAGAGAAAAACAAA 4039
Db 26 GAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1858
US-10-659-684-39/c
; Sequence 39, Application US/10659684
; Publication No. US20040110932A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/659,684
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39
```


TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-591-486B-149

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4299 CATCTTTTCCTCCCT 4316
Db 1 CATCTTATCTCTTCCT 18

RESULT 1864
US-09-280-030-28/C
Sequence 28, Application US/09280030A
Patent No. US20010021515A1
GENERAL INFORMATION:
APPLICANT: Sato, Seiji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kondo, Masaaki
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
TITLE OF INVENTION: DNAS
FILE REFERENCE: 382.1026
CURRENT APPLICATION NUMBER: US/09/280,030A
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: JP10-87339/1998
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designated is
OTHER INFORMATION: a reverse primer for PCR amplification of
OTHER INFORMATION: MWpdp-MWpmps DNA
US-09-280-030-28

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7415 GCAGCAGCAGCAGCAGCA 7432
Db 18 GCAGCAGCAGCAGCAGCA 1

RESULT 1865
US-09-969-373-4130
Sequence 4130, Application US/09969373
Patent No. US2002013852A1
GENERAL INFORMATION:
APPLICANT: Haug, Roger J.
APPLICANT: Efferz, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 4130

LENGTH: 18
TYPE: DNA
ORGANISM: glycine max
US-09-969-373-4130

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4859 TGGTTGGCTACATGTTTC 4876
Db 1 TGGTTGGCTACATGTTTC 18

RESULT 1866
US-09-263-959-716
Sequence 716, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 716:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-716

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTT 4481
Db 1 TTTTCTTTTCTTTTCTTTT 18

RESULT 1867
US-09-961-077-1169/C
Sequence 1169, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens

```

;
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
; STORAGE
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 1169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1169:
;
; US-09-961-077-1169
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 65 GCTGCGGGGGCGGGCGG 82
; Db 18 GCTGCTGGCGGGCGGCG 1
;
;
; RESULT 1868
; US-09-500-700-68
; Sequence 68, Application US/09500700
; Publication No. US20030059767A1
;
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: GOTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter B.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIP160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
;

```

```

;
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18
;
; NUMBER OF SEQ ID NOS: 127
;
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: (GCG) 6 probe
;
; US-09-500-700-68
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 65 GCTGCGGGGGCGGGCGG 82
; Db 1 GCGGCGGGCGGGCGGGCG 18
;
;
; RESULT 1869
; US-09-968-122-9
; Sequence 9, Application US/09968122
; Publication No. US20030158397A1
;
; GENERAL INFORMATION:
; APPLICANT: Ramos, Juan Luis
; APPLICANT: Ben-Bassat, Arle
; APPLICANT: Godoy, Patricia
; APPLICANT: Ramos-Gonzalez, Maria Isabel
; APPLICANT: Duque, Beatralla
; TITLE OF INVENTION: Methods for Production of p-Hydroxybenzoate in Bacteria
; FILE REFERENCE: BC1030 US NA
; CURRENT APPLICATION NUMBER: US/09/968,122
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/236,879
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence, primer
; FEATURE:
; OTHER INFORMATION:
;
; US-09-968-122-9
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 7419 CAGCAGCAGCAGCAGC 7436
; Db 1 CAGCAGCAGCAGCAGTCAC 18
;
;
; RESULT 1870
; US-09-132-231-23
; Sequence 23, Application US/09132231A
; Publication No. US20030198950A1
;
; GENERAL INFORMATION:
; APPLICANT: HORWITZ, Marshall S.
; APPLICANT: LOEB, Lawrence A.
; TITLE OF INVENTION: METHOD FOR PRODUCING NOVEL DNA SEQUENCES WITH
; BIOLOGICAL ACTIVITY
;

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```
/ FILE REFERENCE: 032425-001
/ CURRENT APPLICATION NUMBER: US/09/132,231A
/ CURRENT FILING DATE: 1998-08-11
/ PRIOR APPLICATION NUMBER: US 08/316,415
/ PRIOR FILING DATE: 1994-09-30
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 23
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Escherichia coli
US-09-132-231-23

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3927 GCTTCTTTCTCCCTTGA 3944
Db      1 GCGCCCTTTCTCCTTGA 18

RESULT 1871
/ Sequence 56, Application US/09825566
/ Publication No. US20040033490A1
/ GENERAL INFORMATION:
/ APPLICANT: LAIRD, Peter
/ APPLICANT: EADS, Cindy
/ TITLE OF INVENTION: EPIGENETIC SEQUENCES FOR ESOPHAGEAL ADENOCARCINOMA
/ FILE REFERENCE: 47675-12
/ CURRENT APPLICATION NUMBER: US/09/825,566
/ CURRENT FILING DATE: 2001-04-02
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patent In version 3.0
/ SEQ ID NO 56
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-825-566-56

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2194 CGCATCATCTTCTACCGA 2211
Db      1 CGCCTCATCTTCTCCCGA 18

RESULT 1872
US-10-282-174-18/c
/ Sequence 18, Application US/10282174
/ Publication No. US20030224380A1
/ GENERAL INFORMATION:
/ APPLICANT: Becker, Kenneth David
/ APPLICANT: Velicelebi, Gonul
/ APPLICANT: Elliot, Kathryn J.
/ APPLICANT: Wang, Xin
/ APPLICANT: Tanzi, Rudolph B.
/ APPLICANT: Bertam, Lars
/ APPLICANT: Saunders, Aleister J.
/ APPLICANT: Mullin, Kristina M.
/ APPLICANT: Sampson, Andrew Johnson
/ APPLICANT: Blacker, Deborah Lynne
/ TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
/ TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
/ TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
/ FILE REFERENCE: 37481-3308
/ CURRENT APPLICATION NUMBER: US/10/282,174
/ CURRENT FILING DATE: 2002-10-25
/ PRIOR APPLICATION NUMBER: US 60/339,525
/ PRIOR FILING DATE: 2001-10-25
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/ PRIOR APPLICATION NUMBER: US 60/338,010
/ PRIOR FILING DATE: 2001-11-08
/ PRIOR APPLICATION NUMBER: US 60/336,929
/ PRIOR FILING DATE: 2001-11-08
/ PRIOR APPLICATION NUMBER: US 60/338,363
/ PRIOR FILING DATE: 2001-11-09
/ PRIOR APPLICATION NUMBER: US 60/337,052
/ PRIOR FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 60/368,919
/ PRIOR FILING DATE: 2002-03-28
/ NUMBER OF SEQ ID NOS: 564
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 18
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-282-174-18

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6860 CTTCTCCCTGGGAGGAGA 6877
Db      18 CTTCTCTGGGAGGAGA 1

RESULT 1873
US-10-188-404-32
/ Sequence 32, Application US/10188404
/ Publication No. US20030105286A1
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Lelf
/ APPLICANT: Coull, James M.
/ APPLICANT: Kieley, John
/ APPLICANT: Grieffich, Michael
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS5042
/ CURRENT APPLICATION NUMBER: US/10/188,404
/ CURRENT FILING DATE: 2002-07-01
/ PRIOR APPLICATION NUMBER: 08/275,951
/ PRIOR FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/765,798
/ PRIOR FILING DATE: 1997-04-23
/ NUMBER OF SEQ ID NOS: 69
/ SOFTWARE: Patent In version 3.1
/ SEQ ID NO 32
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (9)-(10)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
/ OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-32

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTCTTTTCTTTTCTTTT 4481
Db      1 TTTTCTTTTCTTTTCTTTT 18
```

```
RESULT 1874
; US-10-188-404-32/c
; Sequence 32, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)_(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage
; US-10-188-404-32

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4022 AAAAGAGGAAACAAA 4039
      ||||| ||||| |||||
Db      18 AAAAGAAACAAA 1

RESULT 1875
; US-10-188-404-33
; Sequence 33, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)_(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage
; US-10-188-404-33

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTCTTTTCTTTT 4481
      ||||| ||||| |||||
Db      1 TTTTCTTTTCTTTT 18

RESULT 1876
; US-10-314-405-45
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Gen, Tamaya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS I
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/314,405
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/713,616
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-314-405-45

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      65 GCTGCGGCGCGCGCG 82
      ||||| ||||| |||||
Db      1 GCGCGCGCGCGCGCG 18

RESULT 1877
; US-10-424-211-46/c
; Sequence 46, Application US/10424211
; Publication No. US20030175793A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RISP-0116
; CURRENT APPLICATION NUMBER: US/10/424,211
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US/09/856,747
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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US-10-424-211-46

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2124 TGAGAGCTGTCTTACAT 2141

DB 18 TGAGAGCTGTCTTACAT 1

RESULT 1878

US-10-349-143-6054/c

Sequence 6054, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/10/349,143

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6054

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-8638 for SEQ 2120,

US-10-349-143-6054

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5704 CTTCCTTTCTCTTCTC 5721

DB 18 CTTCCTTTCTCTTCTC 1

RESULT 1879

US-10-349-143-11203/c

Sequence 11203, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/10/349,143

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 11203

LENGTH: 18

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-8638 for SEQ 2120,

US-10-349-143-6054

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5542 GGTGTGATGCGATCG 5559

DB 18 GGTGTGATGCGATCG 1

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-3385 for SEQ 3338, in compleme

US-10-349-143-11203

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2341 CACACCGGCTTTCTGT 2358

DB 18 CACACCGGCTTTCTGT 1

RESULT 1880

US-10-203-295-26/c

Sequence 26, Application US/10203295

Publication No. US20040115762A1

GENERAL INFORMATION:

APPLICANT: Zolchev, Sergey Borisovich

APPLICANT: Sekurova, Olga Nikolayivna

APPLICANT: Fjærviik, Epsen

APPLICANT: Brautaset, Trygve

APPLICANT: Strom, Arne Reidar

APPLICANT: Valla, Svein

APPLICANT: Ellingsen, Trond Erling

APPLICANT: Sletta, Håvard

APPLICANT: Gulliksen, Ole-Martin

TITLE OF INVENTION: Novel genes encoding a mycactin polyketide synthase and their

FILE REFERENCE: 1181-265

CURRENT APPLICATION NUMBER: US/10/203,295

PRIOR FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: PCT/GB 01/00509

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: GB 0002840.7

PRIOR FILING DATE: 2000-02-08

PRIOR APPLICATION NUMBER: GB 0008786.6

PRIOR FILING DATE: 2000-04-10

PRIOR APPLICATION NUMBER: GB 0009387.2

PRIOR FILING DATE: 2000-04-14

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn version 3.0

SEQ ID NO 26

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1)-(18)

OTHER INFORMATION: primer

US-10-203-295-26

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5542 GGTGTGATGCGATCG 5559

DB 18 GGTGTGATGCGATCG 1

RESULT 1881

US-10-240-126-56

Sequence 56, Application US/10240126

Publication No. US20040170977A1

GENERAL INFORMATION:

APPLICANT: Laird, Peter W.

APPLICANT: EADS, Cindy A.

```
; TITLE OF INVENTION: EPIGENETIC SEQUENCES FOR ESOPHAGEAL ADENOCARCINOMA
; FILE REFERENCE: 47675-31
; CURRENT APPLICATION NUMBER: US/10/240,126
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US60/193,839
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10658
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-126-56

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2194 CGCATCATCTCTACCGA 2211
Db      1      CGCCTCATCTTCTCCCGA 18

RESULT 1882
US-09-791-932-170
; Sequence 170, Application US/09791932
; Publication No. US2003003451A1
; GENERAL INFORMATION:
; APPLICANT: Vogel, Gabriel
; APPLICANT: Parodi, Luis A.
; APPLICANT: Hiebsch, Ronald R.
; APPLICANT: Lind, Peter
; APPLICANT: Kayles, Paul S.
; APPLICANT: Ruff, Valerie
; APPLICANT: Huff, Rita M.
; APPLICANT: Wood, Linda S.
; TITLE OF INVENTION: No. US20030003451A1el G Protein-coupled Receptors Cross-Referen
; FILE REFERENCE: 00325.US1
; CURRENT APPLICATION NUMBER: US/09/791,932
; CURRENT FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,304
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,303
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,397
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,247
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/217,369
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/217,370
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/218,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/186,810
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/188,064
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/186,457
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: 60/213,861
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: 60/194,344
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/218,337
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 184
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 170
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-09-791-932-170

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3638 AGGAGTATGATGGGAAG 3655
Db      1      AGCAGGTAGATGAGGAAG 18

RESULT 1883
US-10-252-155-72/c
; Sequence 72, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US 60/324,172
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/333,700
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-252-155-72

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3419 TCCTCTCTGTCCACATT 3436
Db      18      TCCTCACTGTCAACATT 1

RESULT 1884
US-10-251-117-247
; Sequence 247, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re
; FILE REFERENCE: 900/042 (MEHD02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
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/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 247
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-247

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 0; Conservative 16; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 UUUUUUUUUUUUUUUUU 18

RESULT 1885
US-10-251-117-496/c
/ Sequence 496, Application US/1025117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 496
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-496

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 19 TTTTGTTCGTTTTT 2

RESULT 1886
US-10-225-023-49/c
/ Sequence 49, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-07-23
```

```
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 49
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-225-023-49

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4306 TTCCTTCCCTCGACTGT 4323
Db 19 TTCCTTCCCTCGACTGT 2

RESULT 1887
US-10-225-023-75/c
/ Sequence 75, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-07-23
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 75
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-225-023-75

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4306 TTCCTTCCCTCGACTGT 4323
Db 18 TTCCTTCCCTCGACTGT 1

RESULT 1888
US-10-225-023-787
/ Sequence 787, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-07-23
```

```
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 787
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-787
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4306 TTCCTCCCGGACTGT 4323
Db       1 UUCUUCUCCUGCACUGU 18
```

```
RESULT 1889
US-10-225-023-813
; Sequence 813, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MBH01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 813
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-813
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4306 TTCCTCCCGGACTGT 4323
Db       2 UUCUUCUCCUGCACUGU 19
```

```
RESULT 1890
US-10-173-240-7/c
; Sequence 7, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
```

```
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-173-240-7
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2061 GGATGCCACCCAGCCG 2078
Db       18 GGATGCCAGCTCAGCCG 1
```

```
RESULT 1891
US-10-349-143-5817
; Sequence 5817, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSRT.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5817
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7104 for SEQ 1883,
US-10-349-143-5817
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
```

```
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5702 GCCTTCCTTTTCTTTC 5719
Db       1 GCCTTCCTTTTCTTTC 18
```

```
RESULT 1892
US-10-206-705-68
; Sequence 68, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphate
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
; LENGTH: 19
```

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-206-705-68

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      6615 CCCATCAGGCTAGAAAA 6632
      |||:|||||
Db      1 CCCAUCAGAGAGAAAAA 18

RESULT 1893
US-10-206-705-253/c
; Sequence 253, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-253

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6615 CCCATCAGGCTAGAAAA 6632
      |||:|||||
Db      19 CCCATCAGAGAAAAA 2

RESULT 1894
US-10-444-795B-737/c
; Sequence 737, Application US/10444795B
; Publication No. US2004007574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE
; FILE REFERENCE: 200125,449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 737
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
US-10-444-795B-737

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGAGAGATTTC 1641

```

```

Db      18 CAGCTGCGAGAGATTTC 1
      |||:|||||

RESULT 1895
US-10-444-795B-738
; Sequence 738, Application US/10444795B
; Publication No. US2004007574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE
; FILE REFERENCE: 200125,449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 738
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
US-10-444-795B-738

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 1.3e+03;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGAGAGATTTC 1641
      |||:|||||
Db      2 CAGCTGCGAGAGATCUC 19

RESULT 1896
US-10-665-951-1729
; Sequence 1729, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: SiRNA Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: Patentin version 3.2

```

```
; SEQ ID NO 1729
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1729
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      2659 GTGACAAGAGCATGAC 2676
Db      2 GUGACAAGAGGUGUAC 19
```

```
RESULT 1897
US-10-665-951-1976/c
; Sequence 1976, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MEH02-742-F)
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1976
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1976
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      2659 GTGACAAGAGCATGAC 2676
Db      18 GTGACAAGAGGTGTGAC 1
```

RESULT 1898

```
US-10-474-481A-34/c
; Sequence 34, Application US/10474481A
; Publication No. US20040171067A1
; GENERAL INFORMATION:
; APPLICANT: HINDMA, SYUJI
; APPLICANT: FUJII, RYO
; APPLICANT: KAWAMATA, YUJI
; APPLICANT: MIWA, MASANORI
; APPLICANT: HOSOYA, MASAKI
; TITLE OF INVENTION: SCREENING METHOD
; FILE REFERENCE: 58974(46342)
; CURRENT APPLICATION NUMBER: US/10/474,481A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/JP02/03613
; PRIOR FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: JP 2001-114203
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: JP 2001-180562
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: JP 2001-214922
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: JP 2001-397767
; PRIOR FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: JP 2002-45728
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
; OTHER INFORMATION: designed for TNF alpha mRNA quantification
US-10-474-481A-34
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      1269 GAAGCTACCGACACCA 1286
Db      18 GAAGCTACCGACACCA 1
```

```
RESULT 1899
US-09-800-629A-28/c
; Sequence 28, Application US/09800629A
; Patent No. US20020128216A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-28
```

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5272 ATAGGAGCAGGTGGCAG 5289
Db 20 AGACGAGCAGGTGGCAG 3

RESULT 1900
US-09-814-777A-69
Sequence 69, Application US/09814777A
Patent No. US20020142415A1
GENERAL INFORMATION:
APPLICANT: KOOPMAN, Peter Anthony
APPLICANT: MUSCAT, George Eugene Orlando
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND POLYNUCLEOTIDES AND METHODS OF USING THEM
FILE REFERENCE: 21415-0003
CURRENT APPLICATION NUMBER: US/09/814,777A
PRIORITY FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: AU P06457
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Sox18 A primer
US-09-814-777A-69

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2634 GGCTTCGGGCGCAGATA 2651
Db 1 GGCTTCGGGCGCAGCCTTA 18

RESULT 1901
US-09-974-546-62/c
Sequence 62, Application US/09974546
Publication No. US20030050470A1
GENERAL INFORMATION:
APPLICANT: An, Gang
O'Hara, S. Mark
Ralph, David
Veltri, Robert
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/974,546
FILING DATE: 10-Oct-2001
CLASSIFICATION: Unknown
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/097,199
FILING DATE: 1998-06-12
ATTORNEY/AGENT INFORMATION:

NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:018
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 62:

US-09-974-546-62

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3414 CTATTCTCTCTGCCA 3431
Db 19 CATATCTCTTTGTCCA 2

RESULT 1902
US-09-784-674-735
Sequence 735, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 735:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO

```
; SEQUENCE DESCRIPTION: SEQ ID NO: 735:
US-09-784-674-735

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5703 CCTTCCTTTCTCTCTCT 5720
      |||||
Db      2 CCTTCCTTTCTCTCTCT 19

RESULT 1903
US-09-919-197-68/c
; Sequence 68, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-68

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      860 ATGTCTCAGCCACTGCCT 877
      |||||
Db      18 ATCTCAGCCACTGCCT 1

RESULT 1904
US-09-920-033-114/c
; Sequence 114, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-114

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6291 AACTGCGCTCCAGGAT 6308
      |||||
Db      19 AACTGCGCTCCAGGAT 2

RESULT 1905
US-09-953-318-55/c

; Sequence 55, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-55

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGAGAGAAATACCCAG 3666
      |||||
Db      18 GGGAGAGAAATACCCAG 1

RESULT 1906
US-09-923-515-13/c
; Sequence 13, Application US/09923515
; Publication No. US20030119766A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN (A) EXPRESSION
; FILE REFERENCE: ISPH-0595
; CURRENT APPLICATION NUMBER: US/09/923,515
; CURRENT FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-923-515-13

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1752 GCAGCTCATTTATGTCAT 1769
      |||||
Db      18 GCAGCTCATTTATGTCAT 1

RESULT 1907
US-10-403-676-179/c
; Sequence 179, Application US/10403676
; Publication No. US20040029150A1
; GENERAL INFORMATION:
; APPLICANT: Alabrook II, John
; APPLICANT: Anderson, David W.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Grose, William M.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gusev, Vladimir Y.
```



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; APPLICANT: Ji, Weizhen
; APPLICANT: LeRochele, William J.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Li, Li
; APPLICANT: Liu, Xiaohong
; APPLICANT: MacDougall, John R.
; APPLICANT: Malvankar, Uriel M.
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Peyman, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiser, Daniel
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Stone, David J.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Vernhet, Corinne
; APPLICANT: Zernhusen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-533B
; CURRENT APPLICATION NUMBER: US/10/403,676
; PRIOR FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/123,667
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 09/520,781
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/371,002
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 09/538,092
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/370,381
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384,297
; PRIOR FILING DATE: 2002-05-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 179
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-676-179

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      167 GGACTTCACAGTCTCCGG 184
Db      19 GGACTTCACAGGCTCCGG 2

RESULT 1908
US-10-072-012-1278/c
; Sequence 1278, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zernhusen, Bryan
; APPLICANT: Paturajan, Meera
; APPLICANT: Shinkets, Richard
```

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; APPLICANT: Li, Li
; APPLICANT: Gangoli, Esba
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier, Jr. Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsodrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: Patencin Ver. 2.1
; SEQ ID NO 1278
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag349 Reverse
US-10-072-012-1278

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      167 GGACTTCACAGTCTCCGG 184
Db      19 GGACTTCACAGGCTCCGG 2

RESULT 1909
US-10-210-172-267
; Sequence 267, Application US/10210172
; Publication No. US20040043928A1
; GENERAL INFORMATION:
; APPLICANT: Kexuda, Ramesh
; APPLICANT: Miller, Charles
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol
; APPLICANT: Rieger, Daniel
; APPLICANT: Shinkets, Richard
```

```
; APPLICANT: Zernhusen, Bryan
; APPLICANT: Li, Li
; APPLICANT: Ji, Weizhen
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Gorman, Linda
; APPLICANT: Leite, Mario
; APPLICANT: Vermet, Corine
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zhong, Mei
; APPLICANT: Gerlach, Valerie
; APPLICANT: Hjalp, Tord
; APPLICANT: Rastelli, Luca
; APPLICANT: Spytek, Kimberly
; APPLICANT: Edinger, Shlomit
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel
; APPLICANT: Macdougall, John
; APPLICANT: Stone, David
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-416 A
; CURRENT APPLICATION NUMBER: US/10/210,172
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuroSeqdist version 0.1
; SEQ ID NO 267
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-172-267

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2337 CCATCACACCCGCTTT 2354
Db      1 CCATCACACACGCACTT 18

RESULT 1910
US-10-665-216-44
; Sequence 44, Application US/10665216
; Publication No. US20040043957A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF UROKINASE PLASMINOGEN ACTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0188
; CURRENT APPLICATION NUMBER: US/10/665,216
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/821,972
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-665-216-44

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1965 TTTTCAACAGCCAGTGAT 1982
Db      2 TTTTCAACAGCCAGTGAT 19

RESULT 1911
US-10-617-334-150/c
; Sequence 150, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-150

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2810 TGGATGAGAGAAAGCTT 2827
Db      20 TGGATGAGAGAAAGCTT 3

RESULT 1912
US-09-923-517-97/c
; Sequence 97, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
```

```
Compositions and Methods for the Modulation of
Activating Protein 1
;
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517
; FILING DATE: 07-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 97:
;     LENGTH: 20
;     TYPE: Nucleic Acid
;     STRANDEDNESS: Single
;     TOPOLOGY: Linear
;     ANTI-SENSE: Yes
;     SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-09-923-517-97
;
; Query Match      0.2%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.3e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY      1284 CCAGACCTCGACCATGAT 1301
; DB      19 CCAACGACGACCATGAT 2
;
; RESULT 1913
; US-10-683-386-36/c
; Sequence 36, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1.
; SEQ ID NO 36
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LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-36
;
; Query Match      0.2%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.3e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY      6682 TTATTTTATTTATATAT 6699
; DB      18 TTTTITTTATATATATAT 1
;
; RESULT 1914
; US-10-683-386-42/c
; Sequence 42, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-42
;
; Query Match      0.2%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.3e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY      6682 TTATTTTATTTATATAT 6699
; DB      18 TTTTITTTATATATATAT 1
;
; RESULT 1915
; US-10-144-488-75
; Sequence 75, Application US/10144488
; Publication No. US20030212017A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FARNESYL TRANSFERASE BETA SUBUNIT EXPRESS
; FILE REFERENCE: RFS-0363
; CURRENT APPLICATION NUMBER: US/10/144,488
; PRIOR FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-144-488-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5910 TGTTCCTCAACCCAGAG 5927
DB 2 TGTTCCTCAACCCAGAG 19

RESULT 1916
US-10-160-787-52/c
Sequence 52, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-52

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2278 TGCATCAAACTGGAAAG 2295
DB 20 TACATCAAAATGGAAAG 3

RESULT 1917
US-10-446-373-55/c
Sequence 55, Application US/10446373
Publication No. US20030204076A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
FILE REFERENCE: RTS-0232
CURRENT APPLICATION NUMBER: US/10/446,373
CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US/09/953,318
PRIOR FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-446-373-55

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3649 GGGGAAGAATATACCCAG 3666
DB 18 GGGGAAGAATATCTTCAG 1

RESULT 1918
US-10-388-360-179
Sequence 179, Application US/10388360
Publication No. US2003022528A1
GENERAL INFORMATION:
APPLICANT: GENOMIC HEALTH
APPLICANT: Baker, Joffe B.
APPLICANT: Cronin, Maureen T.
APPLICANT: Kiefer, Michael C.
APPLICANT: Shak, Steve
APPLICANT: Walker, Michael Graham
TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSED TUMOR TISSUES
FILE REFERENCE: 39740-0001US
CURRENT APPLICATION NUMBER: US/10/388,360
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: US 60/412,049
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: US 60/364,890
PRIOR FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 384
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 179
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-388-360-179

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2851 CCAATCCAGAGAGCA 2868
DB 3 CCAATCCAGAGAGCA 20

RESULT 1919
US-10-116-949-21/c
Sequence 21, Application US/10116949
Publication No. US2003004491A1
GENERAL INFORMATION:
APPLICANT: Letman, Michael I.
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
FILE REFERENCE: NIH-05043
CURRENT APPLICATION NUMBER: US/10/116,949
CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-21

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5287 CAGCCTTACTCCAGCA 5304
DB 20 CAGCCGCACTCCAGCA 3

```
RESULT 1920
US-10-085-906-368
; Sequence 368, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: PaetSeq for Windows Version 4.0
; SEQ ID NO 368
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-368

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5098 TGCCTGTTCATTGCTT 5115
DB      1 TCCCTCTCATTCCTT 18

RESULT 1921
US-10-209-608-36/c
; Sequence 36, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-36

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6682 TTATTTTATATATAT 6699
DB      18 TTTTATATATATATAT 1

RESULT 1922
US-10-209-608-42/c
; Sequence 42, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-42

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6682 TTATTTTATATATAT 6699
DB      18 TTTTATATATATATAT 1

RESULT 1923
US-10-188-404-39
; Sequence 39, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lefl
; APPLICANT: Coull, James M.
; APPLICANT: Kiley, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (10)-(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
US-10-188-404-39
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5709 TTTTCCTCTCTCTCTCTT 5726
          |||||
Db       1 TTTTCCTCTCTCTCTCTT 18
```

```
RESULT 1924
US-10-188-404-48
; Sequence 48, Application US/10188404
; Publication No. US20030105285A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Jølf
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Grifflth, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (3)-(3)
; OTHER INFORMATION: N is Pseudoisocytosine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (6)-(6)
; OTHER INFORMATION: N is Pseudoisocytosine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (10)-(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; OTHER INFORMATION: Ethylene Glycol Linkage
US-10-188-404-48
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTCTCTCTCTCTT 4483
          |||||
```

```
Db       1 TTTTCTCTCTCTCTT 20
```

```
RESULT 1925
US-10-006-883A-40/c
; Sequence 40, Application US/10006883A
; Publication No. US20030119767A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOD1 EXPRESSION
; FILE REFERENCE: RTS-0337
; CURRENT APPLICATION NUMBER: US/10/006,883A
; CURRENT FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-883A-40
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2093 TGCGGATACGACGAC 2110
          |||||
Db       18 TGCGGGGCGACGACGAC 1
```

```
RESULT 1926
US-10-007-010-82/c
; Sequence 82, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-82
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7140 CCAGCCTAATGTATGT 7157
          |||||
Db       19 CCAGCCTAATGTATGT 2
```

```
RESULT 1927
US-10-002-623-106
; Sequence 106, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
```

```

; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligo
US-10-002-623-106

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2858 CAGAGGAGCAATGAGGA 2875
Db      1 CAGAGGAGCAATGAGGA 18

RESULT 1928
US-10-002-623-527
; Sequence 527, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 527
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-527

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2858 CAGAGGAGCAATGAGGA 2875
Db      1 CAGAGGAGCAATGAGGA 18

RESULT 1929
US-10-017-621-46
; Sequence 46, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-46
```

```

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1412 AGGATGACATGACGAGG 1429
Db      2 AGGCTGACAGCAGCAGG 19

RESULT 1930
US-10-334-703-28
; Sequence 28, Application US/10334703
; Publication No. US20030154511A1
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard M.
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESS: Marshall, Gerstein and Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/334,703
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Wrona, Thomas J.
; REGISTRATION NUMBER: 44,410
; REFERENCE/DOCKET NUMBER: 27013/33214C US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-334-703-28

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      984 CAAGGAGTCAAGGCCT 1001
Db      3 CAAGGAGTCAATGACCT 20

RESULT 1931
US-10-067-148-9
; Sequence 9, Application US/10067148
; Publication No. US2003017088A1
; GENERAL INFORMATION:
; APPLICANT: van de Looij, Marie-Cecile
; APPLICANT: Bucher, Robert J.
; APPLICANT: Heyer, Babette
; APPLICANT: Mather, Christine
; APPLICANT: Diamond, Jennifer
; APPLICANT: Beemer, Kathleen
; APPLICANT: Meyers, Heather
```

```
; TITLE OF INVENTION: CHIMERIC BIRD FROM EMBRYONIC STEM CELLS
; FILE REFERENCE: 271/123 -- KTM
; CURRENT APPLICATION NUMBER: US/10/067,148
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: C-delta forward primer
US-10-067-148-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6223 GCGAAGAGAGACACTGT 6240
Db      3 GCGAGAGAGAGACACTGT 20

RESULT 1932
US-10-216-098-9
; Sequence 9, Application US/10216098
; Publication No. US20030172387A1
; GENERAL INFORMATION:
; APPLICANT: Orogen Therapeutics
; APPLICANT: Zhu, Lei
; APPLICANT: Winters-Digiacinto, Peggy
; APPLICANT: Etches, Robert J.
; TITLE OF INVENTION: TISSUE SPECIFIC EXPRESSION OF EXOGENOUS PROTEINS IN TRANSGENIC
; FILE REFERENCE: 700603.2
; CURRENT APPLICATION NUMBER: US/10/216,098
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 10/067,148
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Delta 1 forward primer
US-10-216-098-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6223 GCGAAGAGAGACACTGT 6240
Db      3 GCGAGAGAGAGACACTGT 20

RESULT 1933
US-10-103-076-9/c
; Sequence 9, Application US/10103076
; Publication No. US20030181351A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Emily Hsiao-Yuan
; APPLICANT: Tsai, Kuen-Wei
; TITLE OF INVENTION: SPATIAL LEARNING AND MEMORY
; FILE REFERENCE: 08919-078001
; CURRENT APPLICATION NUMBER: US/10/103,076
; CURRENT FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-103-076-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2014 GCAGGGATGCGAAAAA 2031
Db      20 GCAAGGTTGCAAAAAA 3

RESULT 1934
US-10-331-907-288
; Sequence 288, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hesse, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshiniko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1eh LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixson and Vanderhye
; STREET: 1100 No. US20030181660A1eh Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EBO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 288:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 288:
US-10-331-907-288

Query Match          0.2%; Score 14.8; DB 1; Length 20;
```


Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 GCCGATCTGCTCTACTG 2092

DB 1 GCCAGACTGTGCTACTG 18

RESULT 1935
US-10-058-597-13/C

; Sequence 13, Application US/10058597
; Publication No. US20030186236A1

; GENERAL INFORMATION:

; APPLICANT: Kapil, Sanjay

; APPLICANT: Sharmuhappa, Kumar

; TITLE OF INVENTION: IDENTIFICATION AND APPLICATIONS OF PORCINE REPRODUCTIVE AND RESPI

; TITLE OF INVENTION: SYNDROME VIRUS HOST SUSCEPTIBLE FACTOR(S) FOR IMPROVED SWINE BRE

; TITLE OF INVENTION: DEVELOPMENT OF NON-SIMIAN RECOMBINANT CELL LINE FOR PROPAGATION

; FILE REFERENCE: 30921-CIP1

; CURRENT APPLICATION NUMBER: US/10/058,597

; CURRENT FILING DATE: 2003-01-22

; PRIOR FILING DATE: 09/772,044

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO: 13

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Simian Gen. Sp.

US-10-058-597-13

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 993 CAAGGCGCTGAAGTGGA 1010

DB 19 CAAGAGCTGAAGCTGA 2

RESULT 1936

US-10-168-989-40

; Sequence 40, Application US/10168989

; Publication No. US20030190631A1

; GENERAL INFORMATION:

; APPLICANT: Charlier-Harlin et al.

; TITLE OF INVENTION: Implication of a known gene named CP2/LSF-LBP-1 in

; FILE REFERENCE: P0766US00/BAS

; CURRENT APPLICATION NUMBER: US/10/168,989

; CURRENT FILING DATE: 2002-06-26

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 40

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-168-989-40

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3140 ACTCTGTAGCCTGCGAGA 3157

DB 1 AATCTGTGCGCCTGCGAGA 18

RESULT 1937

US-10-080-979-50/C

; Sequence 50, Application US/10080979

; Publication No. US20030191075A1

; GENERAL INFORMATION:

; APPLICANT: Cook, Philip Dan

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Bennett, Frank C.

; TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery

; FILE REFERENCE: 1s1s-5028

; CURRENT APPLICATION NUMBER: US/10/080,979

; CURRENT FILING DATE: 2002-02-22

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO: 50

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide

US-10-080-979-50

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1103 AGAGTGACAGACTGTGG 1120

DB 19 AGAGTGCGAGACGCTGG 2

RESULT 1938

US-10-430-196-97/C

; Sequence 97, Application US/10430196

; Publication No. US20030194738A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

; APPLICANT: Miraglia; Brenda F. Baker

; TITLE OF INVENTION: Antisense Oligonucleotide

; COMPOSITIONS AND METHODS FOR THE MODULATION OF

; ACTIVATING PROTEIN 1

; NUMBER OF SEQUENCES: 139

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM: 3.5 INCH, 1.44 MB STORAGE

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/430,196

; FILING DATE: 05-May-2003

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/923,517A

; FILING DATE: 07-Aug-2001

; APPLICATION NUMBER: 09/364,416

; FILING DATE: 1999-07-30

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: 15PH-0209

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (609) 810-1515

; TELEFAX: (609) 810-1454

; INFORMATION FOR SEQ ID NO: 97:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes


```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6291 ACACGTGGCTTCAGGCAT 6308
      |||||
Db      19 ACACGTGGCTTCAGGCAT 2

RESULT 1943
US-10-174-175-26/c
; Sequence 26, Application US/10174175
; Publication No. US20030232440A1
; GENERAL INFORMATION:
; APPLICANT: James Kairas
; APPLICANT: Sue Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF STAT1 EXPRESSION
; FILE REFERENCE: PTS-0032
; CURRENT APPLICATION NUMBER: US/10/174,175
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-175-26

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5166 CTGGACAGTGGCTCTG 5183
      |||||
Db      18 CTGGATAGTGGCTCTG 1

RESULT 1944
US-10-174-175-61
; Sequence 61, Application US/10174175
; Publication No. US20030232440A1
; GENERAL INFORMATION:
; APPLICANT: James Kairas
; APPLICANT: Sue Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF STAT1 EXPRESSION
; FILE REFERENCE: PTS-0032
; CURRENT APPLICATION NUMBER: US/10/174,175
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-175-61

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5166 CTGGACAGTGGCTCTG 5183
      |||||
Db      3 CTGGATAGTGGCTCTG 20

RESULT 1945
US-10-175-239-29/c
; Sequence 29, Application US/10175239
; Publication No. US20030232774A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION
; FILE REFERENCE: HTS-0017
; CURRENT APPLICATION NUMBER: US/10/175,239
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-239-29

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4369 CAGGCTGGGAATTTC 4386
      |||||
Db      19 CAGGATGGGAATTTC 2

RESULT 1946
US-10-175-239-64
; Sequence 64, Application US/10175239
; Publication No. US20030232774A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION
; FILE REFERENCE: HTS-0017
; CURRENT APPLICATION NUMBER: US/10/175,239
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-175-239-64

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4369 CAGGCTGGGAATTTC 4386
      |||||
Db      2 CAGGATGGGAATTTC 19

RESULT 1947
US-10-175-499-12
; Sequence 12, Application US/10175499
; Publication No. US20030232977A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPLICING FACTOR R/S-RICH 10 EXPRESSION
; FILE REFERENCE: HTS-0018
; CURRENT APPLICATION NUMBER: US/10/175,499
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-499-12
```

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6739 CCTTCTTAATCTGATC 6756
|||||
Db 3 CCTTCTTAATCTGATC 20

RESULT 1948
US-10-175-499-30
; Sequence 30, Application US/10175499
; Publication No. US20030232977A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPLICING FACTOR R/S-RICH 10 EXPRESSION
; FILE REFERENCE: HTS-0018
; CURRENT APPLICATION NUMBER: US/10/175,499
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-499-30

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6739 CCTTCTTAATCTGATC 6756
|||||
Db 2 CCTTCTTAATCTGATC 19

RESULT 1949
US-10-448-914A-146
; Sequence 146, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/BCT
; CURRENT APPLICATION NUMBER: US/10/448,914A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Kopacenticin 1.71
; SEQ ID NO 146
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium malmosense
US-10-448-914A-146

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4644 TGTGAATTCCTCTTGG 4661
|||||
Db 3 TGTGAATTCCTCTTGG 20

RESULT 1950
US-10-186-157-81/c
; Sequence 81, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-81

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4535 TCTAGCTTGCTCTGTT 4552
|||||
Db 20 TCTAGCTTGCTCTGTT 3

RESULT 1951
US-10-349-143-7819/c
; Sequence 7819, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7819
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-4762 for SEQ 3885,
US-10-349-143-7819

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2860 GAGAGCAAGAGAGG 2877
|||||
DB 20 GAGAGCAAGAGAGG 3

RESULT 1952
US-10-402-089-16/c
; Sequence 16, Application US/10402089
; Publication No. US20040005663A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Sealey, Todd W.
; TITLE OF INVENTION: PORCINE COLLAGENS AND GELATINS
; FILE REFERENCE: PP0402.3 CON
; CURRENT APPLICATION NUMBER: US/10/402,089
; PRIOR FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-089-16

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 TGCAGCAGGTGTTCCAGG 280
|||||
DB 20 TGCAGCTGCTCTCCAGG 3

RESULT 1953
US-10-452-510-150/c
; Sequence 150, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-150

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2810 TGGATAGAGAAAGCTTT 2827
|||||
DB 20 TGGATTGAAGAAAGCTT 3

RESULT 1954
US-10-289-762-4204
; Sequence 4204, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffeis, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4204

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 GAAGAATGCCAGCTACAA 1373
|||||
DB 2 GAAGATCCAGCTACAA 19

RESULT 1955
US-10-400-985-9/c
; Sequence 9, Application US/10400985
; Publication No. US20040009505A1
; GENERAL INFORMATION:
; APPLICANT: Wakeman, Gilie
; APPLICANT: Larmarline, Jerome
; TITLE OF INVENTION: USES OF THE GJB6 GENE FOR TREATING CERTAIN TYPES OF ALOPECIA NCLU
; TITLE OF INVENTION: CLOUSTON'S SYNDROME, AND FOR SCREENING COMPOUNDS CAPABLE OF BEI
; FILE REFERENCE: 1759.128
; CURRENT APPLICATION NUMBER: US/10/400,985
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: PCT/FR01/02997
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: FR0012473
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Cx30-S3
US-10-400-985-9

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5714 CTCTCTCTCTTGGCTG 5731
|||||
DB 20 CTCTCTCTCTCGCCTG 3

RESULT 1956
US-10-447-136-158
; Sequence 158, Application US/10447136
; Publication No. US20040009948A1
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.

```

; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-447-136-158

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4463 CTTTTTTTTTTTTTTTTT 4480
Db      3 CGTTTTTTTTTCTTTT 20

RESULT 1957
US-10-402-072A-16/c
; Sequence 16, Application US/10402072A
; Publication No. US20040018592A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcus P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seelley, Todd W.
; TITLE OF INVENTION: BOVINE COLLAGENS AND GELATINS
; FILE REFERENCE: FPO402.2 CON
; CURRENT APPLICATION NUMBER: US/10/402,072A
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-072A-16

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      263 TGCAGCAGTGTTCAGG 280
Db      20 TGCAGCTGTCTTCAGG 3

RESULT 1958
US-10-211-179-44/c
; Sequence 44, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXPR
; FILE REFERENCE: PTS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; CURRENT FILING DATE: 2002-08-01
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```

; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-44

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5102 CTGTCCATTGCTTCATA 5119
Db      18 CTGTCCATTGCTTTATA 1

RESULT 1959
US-10-211-179-103
; Sequence 103, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXPRI
; FILE REFERENCE: PTS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; CURRENT FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-211-179-103

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5102 CTGTCCATTGCTTCATA 5119
Db      3 CTGTCCATTGCTTTATA 20

RESULT 1960
US-10-274-085-20/c
; Sequence 20, Application US/10274085
; Publication No. US20040077570A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Sanjay Bhanoj
; TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
; FILE REFERENCE: ISPH-0714
; CURRENT APPLICATION NUMBER: US/10/274,085
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 225
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-20

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4963 GGCTACAGCATGGGCTGC 4980
Db      18 GGCTACAGCATGGGCTGC 4980
```

Db 18 GGCTACAGCATGGTGGC 1

RESULT 1961

US-10-274-085-132

/ Sequence 132, Application US/10274085

/ Publication No. US2004007570A1

/ GENERAL INFORMATION:

/ APPLICANT: Susan M. Freier

/ APPLICANT: Kenneth W. Dobie

/ APPLICANT: Sanjay Bhanot

/ TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION

/ FILE REFERENCE: ISPH-0714

/ CURRENT APPLICATION NUMBER: US/10/274,085

/ PRIOR FILING DATE: 2002-10-17

/ NUMBER OF SEQ ID NOS: 225

/ SEQ ID NO 132

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: H. sapiens

US-10-274-085-132.

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4963 GGCTACAGCATGGGTCG 4980

Db 3 GGCTACAGCATGGTGGC 20

RESULT 1962

US-10-415-228-3/c

/ Sequence 3, Application US/10415228

/ Publication No. US20040076975A1

/ GENERAL INFORMATION:

/ APPLICANT: Bouguere, Pierre

/ TITLE OF INVENTION: METHODS FOR ASSESSING THE RISK OF

/ TITLE OF INVENTION: NON-INSULIN-DEPENDENT DIABETES MELLITUS BASED ON ALLELIC

/ TITLE OF INVENTION: VARIATIONS IN THE 5'-FLANKING REGION OF THE INSULIN GENE AND

/ FILE REFERENCE: BOUG-001

/ CURRENT APPLICATION NUMBER: US/10/415,228

/ PRIOR FILING DATE: 2003-04-24

/ PRIOR APPLICATION NUMBER: 1801/02747

/ PRIOR FILING DATE: 2001-10-31

/ PRIOR APPLICATION NUMBER: 60/245,493

/ PRIOR FILING DATE: 2000-11-02

/ NUMBER OF SEQ ID NOS: 12

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 3

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Primer

US-10-415-228-3

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4729 CTTGAGGCCAGCTGGAG 4746

Db 18 CTTGAGGCCAGCTGGT 1

RESULT 1963

US-10-280-183A-204/c

/ Sequence 204, Application US/10280183A

/ Publication No. US20040081964A1

/ GENERAL INFORMATION:

/ APPLICANT: Pfizer Inc.

/ APPLICANT: Bachmanov, Alexander A

/ APPLICANT: Beauchamp, Gary K.

/ APPLICANT: Chatterjee, Anubindo

/ APPLICANT: De Jong, Pieter J.

/ APPLICANT: Li, Shanru

/ APPLICANT: Li, Xia

/ APPLICANT: Ohmen, Jeffrey D

/ APPLICANT: Reed, Danielle R.

/ APPLICANT: Ross, David

/ APPLICANT: Tordoff, Michael G.

/ TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING

/ TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS

/ FILE REFERENCE: PC18306A

/ CURRENT APPLICATION NUMBER: US/10/280,183A

/ PRIOR FILING DATE: 2002-10-25

/ PRIOR APPLICATION NUMBER: 60/200,794

/ PRIOR FILING DATE: 2000-04-28

/ NUMBER OF SEQ ID NOS: 652

/ SOFTWARE: PatentIn Ver. 3.1

/ SEQ ID NO 204

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Mouse

US-10-280-183A-204

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6069 TAAATCTGGTCTTTTC 6086

Db 18 TAAATCTGGTCTTTTC 1

RESULT 1964

US-10-280-183A-394

/ Sequence 394, Application US/10280183A

/ Publication No. US20040081964A1

/ GENERAL INFORMATION:

/ APPLICANT: Pfizer Inc.

/ APPLICANT: Bachmanov, Alexander A

/ APPLICANT: Beauchamp, Gary K.

/ APPLICANT: Chatterjee, Anubindo

/ APPLICANT: De Jong, Pieter J.

/ APPLICANT: Li, Shanru

/ APPLICANT: Li, Xia

/ APPLICANT: Ohmen, Jeffrey D

/ APPLICANT: Reed, Danielle R.

/ APPLICANT: Ross, David

/ APPLICANT: Tordoff, Michael G.

/ TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING

/ TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS

/ FILE REFERENCE: PC18306A

/ CURRENT APPLICATION NUMBER: US/10/280,183A

/ PRIOR FILING DATE: 2002-10-25

/ PRIOR APPLICATION NUMBER: 60/200,794

/ PRIOR FILING DATE: 2000-04-28

/ NUMBER OF SEQ ID NOS: 652

/ SOFTWARE: PatentIn Ver. 3.1

/ SEQ ID NO 394

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Mouse

US-10-280-183A-394

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 GTGACATTGAGGTGACA 561

Db 3 GTGACATTGAGGTGACA 20

```
RESULT 1965
US-10-280-183A-396
; Sequence 396, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 396
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-396
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      544 GTCGACTTTGAGTGACA 561
Db      3 GTCGACATTTAGGTGACA 20
```

```
RESULT 1966
US-10-280-183A-400
; Sequence 400, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 400
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-400
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
```

```
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      544 GTCGACTTTGAGTGACA 561
Db      3 GTCGACATTTAGGTGACA 20
```

```
RESULT 1967
US-10-293-864-33/C
; Sequence 33, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; PRIOR FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-864-33
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1619 CAGACGAGTCGCGAAGA 1636
Db      19 CTGACCTGCTGCGGAAGA 2
```

```
RESULT 1968
US-10-293-864-110
; Sequence 110, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; PRIOR FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-864-110
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1619 CAGACGAGTCGCGAAGA 1636
Db      2 CTGACCTGCTGCGGAAGA 19
```

```
RESULT 1969
US-10-293-998-40/C
; Sequence 40, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
```


; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-998-40

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1879 CAGACTCTGTCCAACTTC 1896
DB 18 CTGACTCTGTCCAACTTC 1

RESULT 1970
US-10-293-998-75
; Sequence 75, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-998-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1879 CAGACTCTGTCCAACTTC 1896
DB 3 CTGACTCTGTCCAACTTC 20

RESULT 1971
US-10-298-954-32/C
; Sequence 32, Application US/10298954
; Publication No. US20040096833A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION
; FILE REFERENCE: HTS-0028
; CURRENT APPLICATION NUMBER: US/10/298,954
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-954-32

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7420 AGCAGCAGCAGCAGCACA 7437
DB 18 CTGACTCTGTCCAACTTC 1

DB 20 ACCAGCAGCAGCAGCTCA 3

RESULT 1972
US-10-298-954-63
; Sequence 63, Application US/10298954
; Publication No. US20040096833A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION
; FILE REFERENCE: HTS-0028
; CURRENT APPLICATION NUMBER: US/10/298,954
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-954-63

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7420 ACCAGCAGCAGCAGCTCA 7437
DB 1 ACCAGCAGCAGCAGCTCA 18

RESULT 1973
US-10-300-424-55/C
; Sequence 55, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: HTS-0037
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-424-55

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1987 CTGGAGCAGCAGTATACA 2004
DB 20 CTGGAGCAGCAGTATACA 3

RESULT 1974
US-10-300-611-60
; Sequence 60, Application US/10300611
; Publication No. US20040097451A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION
; FILE REFERENCE: HTS-0059
; CURRENT APPLICATION NUMBER: US/10/300,611
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 136
; SEQ ID NO 60
; LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-60

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3919 CACTTGTGGCTCTTTTC 3936
Db 1 CACTTGTCTTCATTTC 18

RESULT 1975
US-10-671-074-19
Sequence 19, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Elison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-671-074-19

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 GCCCTGGTCAGCGCCAG 660
Db 3 GGCTGGGCGCGCCAG 20

RESULT 1976
US-10-671-074-99/c
Sequence 99, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Elison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 99
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-671-074-99

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 GCCCTGGTCAGCGCCAG 660
Db 18 GGCTGGGCGCGCCAG 1

RESULT 1977
US-10-303-325-36/c
Sequence 36, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-36

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5168 GGCACAGTGGGCTCTGCA 5185
Db 20 GGCACACTGGGCTCTGCA 3

RESULT 1978
US-10-303-325-112
Sequence 112, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 112
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-325-112

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5168 GGCACAGTGGGCTCTGCA 5185
Db 1 GGCACACTGGGCTCTGCA 18

RESULT 1979
US-10-303-329-21
Sequence 21, Application US/10303329
Publication No. US20040101850A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean

```

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION
; FILE REFERENCE: HTS-0005
; CURRENT APPLICATION NUMBER: US/10/303,329
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-303-329-21

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6888 GTTGGTCTCTCCCTTAC 6905
Db      1 GTTGGTCTCTCCCGCAC 18

RESULT 1980
; US-10-303-329-22
; Sequence 22, Application US/10/303,329
; Publication No. US20040101850A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION
; FILE REFERENCE: HTS-0005
; CURRENT APPLICATION NUMBER: US/10/303,329
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-303-329-22

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6888 GTTGGTCTCTCCCTTAC 6905
Db      3 GTTGGTCTCTCCCGCAC 20

RESULT 1981
; US-10-688-706-369/c
; Sequence 369, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 369
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; US-10-688-706-369-22
```

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; OTHER INFORMATION: human GFAT antisense
; US-10-688-706-369
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: human GFAT antisense
; US-10-688-706-370

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      19 GGCAGAGACAGAAAGGA 2

RESULT 1982
; US-10-688-706-370/c
; Sequence 370, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: human GFAT antisense
; US-10-688-706-370

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      20 GGCAGAGACAGAAAGGA 3

RESULT 1983
; US-10-688-706-600/c
; Sequence 600, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 600
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: human GFAT antisense
; US-10-688-706-600

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      19 GGCAGAGACAGAAAGGA 2
```

Db 18 GGCAGAGCAAGAAAGCA 1

RESULT 1984
US-10-688-706-997/c
; Sequence 997, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; PRIOR FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 997
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-997

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTCCA 1126

Db 19 GACAGATTGTGAGTTCA 2

RESULT 1985
US-10-688-706-1539/c
; Sequence 1539, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Broschac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; PRIOR FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1539
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1539

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTCCA 1126

Db 18 GACAGATTGTGAGTTCA 1

RESULT 1986
US-10-688-706-1906
; Sequence 1906, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; APPLICANT: Broschac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; PRIOR FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1906
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1906

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6971 TGAGCTAAACCAACCA 6988

Db 3 TGATTAAAAACCAACCA 20

RESULT 1987
US-10-376-770-241
; Sequence 241, Application US/10376770
; Publication No. US20040106102A1
; GENERAL INFORMATION:
; APPLICANT: Dhaliyan, Ravinder S.
; TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
; FILE REFERENCE: 543312000320
; CURRENT APPLICATION NUMBER: US/10/376,770
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 262
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (6)..(110)
; OTHER INFORMATION: These nucleotides may be absent
US-10-376-770-241

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5415 AAATAAAACCAAGAGA 5432

Db 3 AAATGAAAACCAAGAGA 20

RESULT 1988
US-10-316-516-80
; Sequence 80, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516

;; CURRENT FILING DATE: 2002-12-10
;; NUMBER OF SEQ ID NOS: 134
;; SEQ ID NO 80
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-80

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3593 GCACCTTTGTACCTT 3610
DB 2 GCACCTTTATACCAT 19

RESULT 1989
US-10-316-516-130/c
;; Sequence 130, Application US/10316516
;; Publication No. US20040110150A1
;; GENERAL INFORMATION:
;; APPLICANT: Erich Koller
;; APPLICANT: Kenneth W. Dobie
;; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
;; FILE REFERENCE: PTS-0057
;; CURRENT APPLICATION NUMBER: US/10/316,516
;; CURRENT FILING DATE: 2002-12-10
;; NUMBER OF SEQ ID NOS: 134
;; SEQ ID NO 130
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: H. sapiens
;; FEATURE:
US-10-316-516-130

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3593 GCACCTTTGTACCTT 3610
DB 19 GCACCTTTATACCAT 2

RESULT 1990
US-10-317-803-101/c
;; Sequence 101, Application US/10317803
;; Publication No. US20040115640A1
;; GENERAL INFORMATION:
;; APPLICANT: Kathleen Myers
;; APPLICANT: Kenneth W. Dobie
;; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
;; FILE REFERENCE: RTS-0454
;; CURRENT APPLICATION NUMBER: US/10/317,803
;; CURRENT FILING DATE: 2002-12-11
;; NUMBER OF SEQ ID NOS: 244
;; SEQ ID NO 101
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-101

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 GGCCGCTCTCTCTCTCA 756
DB 1111111111111111

DB 20 GGCTGCTCTCTCTCTCA 3

RESULT 1991
US-10-679-532-28/c
;; Sequence 28, Application US/10679532
;; Publication No. US20040121376A1
;; GENERAL INFORMATION:
;; APPLICANT: Dean, Nicholas M.
;; APPLICANT: Kairas, James G
;; APPLICANT: McKay, Robert
;; APPLICANT: Manoharan, Muthiah
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
;; TITLE OF INVENTION: TRANSDUCTION
;; FILE REFERENCE: ISFH-0537
;; CURRENT APPLICATION NUMBER: US/10/679,532
;; CURRENT FILING DATE: 2003-10-06
;; PRIOR APPLICATION NUMBER: US/09/800,629A
;; PRIOR FILING DATE: 2001-03-07
;; PRIOR APPLICATION NUMBER: PCT/US00/07318
;; PRIOR FILING DATE: 2000-03-17
;; PRIOR APPLICATION NUMBER: 09/280,799
;; PRIOR FILING DATE: 1999-03-26
;; NUMBER OF SEQ ID NOS: 210
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 28
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-679-532-28

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5272 ATAGGAGCAGGTGCGAG 5289
DB 20 AGACGAGCAGGTGCGAG 3

RESULT 1992
US-10-671-395-17
;; Sequence 17, Application US/10671395
;; Publication No. US20040132063A1
;; GENERAL INFORMATION:
;; APPLICANT: Glaxo, James K.
;; APPLICANT: Pharmacia Corp.
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
;; TITLE OF INVENTION: EXPRESSION
;; FILE REFERENCE: 1179/1/US
;; CURRENT APPLICATION NUMBER: US/10/671,395
;; CURRENT FILING DATE: 2003-09-25
;; PRIOR APPLICATION NUMBER: 60/413,549
;; PRIOR FILING DATE: 2002-09-25
;; NUMBER OF SEQ ID NOS: 1809
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 17
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-17

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3778 GACATTGCACCTTCAAA 3795
DB 2 GACATTGCACCTTCAAA 19

```
RESULT 1993
US-10-671-395-25
; Sequence 25, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-25
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3778 GACATTGCACCTTCCAA 3795
      |||||
Db      3 GACATTGCACCTTCCAA 20
```

```
RESULT 1994
US-10-671-395-100
; Sequence 100, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-100
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3778 GACATTGCACCTTCCAA 3795
      |||||
Db      1 GACATTGCACCTTCCAA 18
```

```
RESULT 1995
US-10-728-399-4/C
; Sequence 4, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colica, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF mltONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mltONEET antisense
US-10-728-399-4
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6192 GAAGAGATGAGAGAAAT 6209
      |||||
Db      18 GAAGAGATGAGAGAAAT 1
```

```
RESULT 1996
US-10-728-399-10/C
; Sequence 10, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colica, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF mltONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mltONEET antisense
US-10-728-399-10
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6192 GAAGAGATGAGAGAAAT 6209
      |||||
Db      19 GAAGAGATGAGAGAAAT 2
```

```
RESULT 1997
US-10-661-165-241
; Sequence 241, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhalla, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
```

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; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (6)..(10)
; OTHER INFORMATION: These nucleotides may be absent
US-10-661-165-241

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5415 AATATAAGCAAGAGAA 5432
DB      3 AATGAAACCAAGAGAA 20

RESULT 1998
US-10-684-440-17/c
; Sequence 17, Application US/10684440
; Publication No. US20040138164A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF APOLIPROTEIN(A) EXPRESSION
; FILE REFERENCE: ISPH.059505.PI
; CURRENT APPLICATION NUMBER: US/10/684,440
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 09/923,515
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/475,402
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO: 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-684-440-17

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1752 GCAGCTCATTTATTCAT 1769
DB      18 GCAGCTCCTTATTTAT 1

RESULT 1999
US-10-684-440-50
; Sequence 50, Application US/10684440
; Publication No. US20040138164A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF APOLIPROTEIN(A) EXPRESSION
; FILE REFERENCE: ISPH.059505.PI
; CURRENT APPLICATION NUMBER: US/10/684,440
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 09/923,515
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/475,402
```

```

; PRIOR FILING DATE: 2003-06-02
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO: 507
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-684-440-50

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1753 GCAGCTCATTTATTCAT 1769
DB      3 GCAGCTCCTTATTTAT 20

RESULT 2000
US-10-780-439-50/c
; Sequence 50, Application US/10780439
; Publication No. US20040142899A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
; OLIGONUCLEOTIDES IN MAMMALS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cozen O'Connor
; STREET: 1900 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/780,439
; FILING DATE: 17-Feb-2004
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Nguyen, Quan L.
; REGISTRATION NUMBER: 46,957
; REFERENCE/DOCKET NUMBER: 46,957
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-665-2000
; TELEFAX: 215-665-2013
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-10-780-439-50

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1103 AGATGGACACAGCTGTGG 1120
DB      19 AGATGGGCGACAGCGTGG 2

RESULT 2001
```

```
US-10-744-465-150/c
; Sequence 150, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-150
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2810 TGGATGAGAAAGCTTT 2827
Db      20 TGGATTGAGAAAGCTTT 3
```

```
RESULT 2002
US-10-375-715A-3
; Sequence 3, Application US/10375715A
; Publication No. US20040170605A1
; GENERAL INFORMATION:
; APPLICANT: SANCHEZ GARCIA, Isidro
; APPLICANT: PEREZ LOSADA, Jesus
; TITLE OF INVENTION: USE OF THE SLUG GENE AS A GENETIC MARKER IN FUNCTIONS MEDIATED BY
; FILE REFERENCE: SANCHEZ GARCIA ET AL - 1
; CURRENT APPLICATION NUMBER: US/10/375,715A
; CURRENT FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Direct Oligonucleotide Initiator
US-10-375-715A-3
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CAGCTGCGCGGCGCTCG 23
Db      1 CAGCTGCGCGGCGCTCTCG 18
```

```
RESULT 2003
US-10-619-739-1619/c
```

```
; Sequence 1619, Application US/10619739
; Publication No. US2004015719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1619
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1619
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      546 CGACTTGAGGTGACAT 563
Db      18 CGGCTTGAGGTGACAT 1
```

```
RESULT 2004
US-10-833-679-150/c
; Sequence 150, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-150
```

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Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      2810 TGGATGAGAAAGCTTT 2827
Db      20 TGGATTGAGAAAGCTTT 3
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```
RESULT 2005
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US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. US20020099196A1
; GENERAL INFORMATION:
; APPLICANT: Hirooka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-065-040-6
Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2274 TGCGTCGATCAAACTGGA 2291
DB 21 TGCGTCGATTAAGCTGGA 4
RESULT 2006
US-09-776-874A-17
; Sequence 17, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Irls
; APPLICANT: Vladavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A

CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patent version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-776-874A-17
Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 7413 CAGCAGCAGCAGCAGCAG 7430
DB 4 CAGCAGCAGCAGCAGCAG 21
RESULT 2007
US-09-898-779-9
; Sequence 9, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiling Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-9
Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4280 GCACCTTCTTGCAGT 4297
DB 4 GCACGTTCTTGTAAGT 21
RESULT 2008
US-09-851-501-44
; Sequence 44, Application US/09851501
; Patent No. US20020119442A1
; GENERAL INFORMATION:
; APPLICANT: DUNLOP, Charles, L.M.
; APPLICANT: WEISEL, James, M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
; FILE REFERENCE: CARDON.001C91
; CURRENT APPLICATION NUMBER: US/09/851,501
; CURRENT FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: PCT/US00/30493
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: 60/165,301

; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-09-851-501-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTCATCATGCGCTAGC 614
|||||
Db 4 CTCATCATGCGCTAGC 21

RESULT 2009
US-09-986-632-24
; Sequence 24, Application US/09986632
; Patent No. US20020119944A1
; GENERAL INFORMATION:
; APPLICANT: AGURRA, Michelle
; TITLE OF INVENTION: Modulation of Ulp1/CRMP activity for the prevention or
; FILE REFERENCE: P06974US01/BAS
; CURRENT APPLICATION NUMBER: US/09/986,632
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/246,751
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-986-632-24

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 692 TGGATGTGGCCATGAGC 709
|||||
Db 4 TGGATGTGGCCATGAGC 21

RESULT 2010
US-09-780-929-103/c
; Sequence 103, Application US/09780929
; Patent No. US20020151693A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Breaker, Ronald
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH800-884-H (500/001)
; CURRENT APPLICATION NUMBER: US/09/780,929
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: US 60/181,360
; PRIOR FILING DATE: 2000-02-08
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 103
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Substrate
US-09-780-929-103

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4911 TGGAGAAAGCATCAGGAC 4928
|||||
Db 18 TGGAGTAACCATCAGGAC 1

RESULT 2011
US-09-988-113-17
; Sequence 17, Application US/09988113
; Patent No. US20020168749A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Violdavsky, Israel
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; PRIOR FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
|||||
Db 4 CAGCAGCAGCAGCAGCAG 21

RESULT 2012
US-09-853-450-60
; Sequence 60, Application US/09853450
; Publication No. US20020194645A1
; GENERAL INFORMATION:
; APPLICANT: Yanofsky, Martin F.
; APPLICANT: Pelaz, Soraya
; APPLICANT: Ditta, Gary
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 19452A-002400US
; CURRENT APPLICATION NUMBER: US/09/853,450
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 60
; LENGTH: 21
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: RT-PCR oligo
OTHER INFORMATION: OAM37
US-09-853-450-60

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6625 TGAATAATCATCTCAA 6642
DB 1 TAGAAACATCATCTTAA 18

RESULT 2013
US-09-877-478-10
Sequence 10, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggan, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 21
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-10

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 33.3%; Pred. No. 1.4e+03;
Matches 6; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 2904 TGCTTGTTCTCTTAT 2921
DB 2 UGACUUCUUCUUCUUAU 19

RESULT 2014
US-09-791-190A-21
Sequence 21, Application US/09791190A
Publication No. US20030104372A1
GENERAL INFORMATION:
APPLICANT: Pyrosequencing AB
APPLICANT: Ahmadian, Afshin
APPLICANT: Lundberg, Joakim
APPLICANT: Nyren, Pal
TITLE OF INVENTION: Allele Specific Primer Extension Assay
FILE REFERENCE: Docket 14259

CURRENT APPLICATION NUMBER: US/09/791,190A
CURRENT FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn version 3.0
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial
FEATURE:
NAME/KEY: misc feature
LOCATION: (.)
OTHER INFORMATION: Primer
US-09-791-190A-21

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5816 CTATGATGATGAATC 5833
DB 2 CTGCGTATGATGAATC 19

RESULT 2015
US-09-791-190A-22
Sequence 22, Application US/09791190A
Publication No. US20030104372A1
GENERAL INFORMATION:
APPLICANT: Pyrosequencing AB
APPLICANT: Ahmadian, Afshin
APPLICANT: Lundberg, Joakim
APPLICANT: Nyren, Pal
TITLE OF INVENTION: Allele Specific Primer Extension Assay
FILE REFERENCE: Docket 14259
CURRENT APPLICATION NUMBER: US/09/791,190A
CURRENT FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn version 3.0
SEQ ID NO 22
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial
FEATURE:
NAME/KEY: misc feature
LOCATION: (.)
OTHER INFORMATION: Primer
US-09-791-190A-22

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5816 CTATGATGATGAATC 5833
DB 2 CTGCGTATGATGAATC 19

RESULT 2016
US-09-989-534-25/c
Sequence 25, Application US/09989534
Publication No. US20030165847A1
GENERAL INFORMATION:
APPLICANT: Lowy, Charles V.
TITLE OF INVENTION: Plasmids and Methods for Monitoring Endonuclease Digestion
FILE REFERENCE: 0410.008
CURRENT APPLICATION NUMBER: US/09/989,534
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.0
SEQ ID NO 25
LENGTH: 21
TYPE: DNA

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3683 GCCAGAAAGCCAGCTATT 3700
|||
Db 1 GCCAGAAAGCACTATT 18

RESULT 2020

US-10-633-894-12/C
; Sequence 12, Application US/10633894
; Publication No. US20040029232A1
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. US20040029232A1el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004720US
; CURRENT APPLICATION NUMBER: US/10/633,894
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/546,986A
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 09/524,730
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR
US-10-633-894-12

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3694 CTGAGTACTTCTTAG 3911
|||
Db 18 CTGAGTACTTCTTAG 1

RESULT 2021

US-10-380-930-55
; Sequence 55, Application US/10380930
; Publication No. US20040038253A1
; GENERAL INFORMATION:
; APPLICANT: KENTARO MATHAMINE
; TITLE OF INVENTION: METHOD FOR SYNTHESIZING POLYNUCLEOTIDES
; FILE REFERENCE: 201487/1130
; CURRENT APPLICATION NUMBER: US/10/380,930
; PRIOR FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: PCT/JP01/08142
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: JP 2000-283862
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
US-10-380-930-55

Query Match 0.2%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4368 ACAGCGTGGGGAATTTTG 4385
|||
Db 2 ACAGCGTGGGCAATTTTG 19

RESULT 2022

US-10-342-902-10
; Sequence 10, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: Diaper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (NBH00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-10

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 33.3%; Pred. No. 1.4e+03;
Matches 6; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 2904 TGCCTGTTCCTCTAT 2921
|||
Db 2 UGACUUCUCCUUCUUAU 19

RESULT 2023

US-10-092-771-38
; Sequence 38, Application US/10092771
; Publication No. US20030064381A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0128NP
; CURRENT APPLICATION NUMBER: US/10/092,771
; PRIOR FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 60/273,963
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/278,927
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 21
; TYPE: DNA

ORGANISM: Homo sapiens
US-10-092-771-38

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 954 CCTCAGCAGCTCTCAGCG 971
DB 1 CCCACGAGCTCCACGCG 18

RESULT 2024

US-10-142-722-44
Sequence 44, Application US/10142722
Publication No. US2003003996A1
GENERAL INFORMATION:
APPLICANT: DUNLOP, Charles, L.M.
APPLICANT: WEISEL, James, M.
TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
FILE REFERENCE: CHARDUN.001C1
CURRENT APPLICATION NUMBER: US/10/142,722
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: PCT/US00/30493
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: 60/165,301
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 44
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-142-722-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 597 CTCATCAAGTGGCTAGC 614
DB 4 CTCATCAAGTGGCTAGC 21

RESULT 2025

US-10-243-035-6
Sequence 6, Application US/10243035
Publication No. US20030049697A1
GENERAL INFORMATION:
APPLICANT: LAZDUNSKI, MICHEL
APPLICANT: LESAGE, FLORIAN
TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS
TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE
FILE REFERENCE: 1317-02
CURRENT APPLICATION NUMBER: US/10/243,035
CURRENT FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-6

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 112 GCCCGGCCGCGGATCCCG 129
DB 4 GCCCGGCCGCGGATCCTG 21

RESULT 2026

US-10-243-035-9
Sequence 9, Application US/10243035
Publication No. US20030049697A1
GENERAL INFORMATION:
APPLICANT: LAZDUNSKI, MICHEL
APPLICANT: LESAGE, FLORIAN
TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS
TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE
FILE REFERENCE: 1317-02
CURRENT APPLICATION NUMBER: US/10/243,035
CURRENT FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-9

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 112 GCCCGGCCGCGGATCCCG 129
DB 4 GCCCGGCCGCGGATCCTG 21

RESULT 2027

US-10-306-292-21/C
Sequence 21, Application US/10306292
Publication No. US20030145347A1
GENERAL INFORMATION:
APPLICANT: Lanahan, Michael B.
APPLICANT: Desai, Nalini M.
APPLICANT: Gasdaeka, Pamela Y.
TITLE OF INVENTION: GRAIN PROCESSING METHOD AND TRANSGENIC PLANTS USEFUL
TITLE OF INVENTION: THEREIN
FILE REFERENCE: A-31383P1
CURRENT APPLICATION NUMBER: US/10/306,292
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US/09/598,747
PRIOR FILING DATE: 2000-06-21
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide (primer STRF2B)
US-10-306-292-21

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 351 CATCCCTAAGATGACGCT 368
DB 19 CAACCGAAGATGACGCT 2

RESULT 2028

```
US-10-184-085A-638
; Sequence 638, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 638
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-638

Query Match: 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3874 ACCTCCGCGCCGCGCCAG 3891
DB 4 ATCTCCGCGCCGCGCCAG 21

RESULT 2029
US-10-341-582-17
; Sequence 17, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodavsky
; APPLICANT: Oron Yacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-17

Query Match: 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
DB 4 CAGCAGCAGCAGCAGCAG 21

RESULT 2030
US-10-384-451-17
; Sequence 17, Application US/10384451
; Publication No. US20030170860A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
```

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; FILE REFERENCE: 25718
; CURRENT APPLICATION NUMBER: US/10/384,451
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-17

Query Match: 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
DB 4 CAGCAGCAGCAGCAGCAG 21

RESULT 2031
US-10-093-311-15
; Sequence 15, Application US/10093311
; Publication No. US20030186439A1
; GENERAL INFORMATION:
; APPLICANT: Nakauchi, Hiromitsu
; APPLICANT: Suzuki, Atsushi
; APPLICANT: Taniguchi, Hideki
; APPLICANT: Fukao, Katashi
; TITLE OF INVENTION: Self-Renewing Pluripotent Hepatic Stem
; TITLE OF INVENTION: Cells
; FILE REFERENCE: 59150-8016
; CURRENT APPLICATION NUMBER: US/10/093,311
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: marker
US-10-093-311-15

Query Match: 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1604 TGCTCAGAACTTCACAG 1621
DB 1 TGCTCAGAACTTCACAG 18

RESULT 2032
US-10-384-450-17
; Sequence 17, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
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ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2033
US-10-371-218A-17
Sequence 17, Application US/10371218A
Publication No. US2003021375A1
GENERAL INFORMATION:
APPLICANT: Zcharia, Eyal
APPLICANT: Vlodevsky, Israel
APPLICANT: Metzger, Shula
APPLICANT: Pecker, Iris
APPLICANT: Ilan, Neta
APPLICANT: Chajek-Shaul, Tova
TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
FILE REFERENCE: 25783
CURRENT APPLICATION NUMBER: US/10/371,218A
CURRENT FILING DATE: 2003-07-01
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-371-218A-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2034
US-10-300-683-44
Sequence 44, Application US/10300683
Publication No. US20030235834A1
GENERAL INFORMATION:
APPLICANT: Dunlop, Charles L.M.
APPLICANT: Weisdel, James M.
TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
FILE REFERENCE: CHARJUN.010A
CURRENT APPLICATION NUMBER: US/10/300,683
CURRENT FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/333,531
PRIOR FILING DATE: 2001-11-19
NUMBER OF SEQ ID NOS: 554
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 44
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-300-683-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTCATCAAGTGGCTAGC 614
DB 4 CTCATCAAGTGGCTAGC 21

RESULT 2035
US-10-456-573-17
Sequence 17, Application US/10456573
Publication No. US20030236215A1
GENERAL INFORMATION:
APPLICANT: Pecker, Iris
APPLICANT: Vlodevsky, Israel
APPLICANT: Feinstein, Elena
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
FILE REFERENCE: 25677
CURRENT APPLICATION NUMBER: US/10/456,573
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: US 09/435,739
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/258,892
PRIOR FILING DATE: 1999-03-01
PRIOR APPLICATION NUMBER: PCT/US98/17954
PRIOR FILING DATE: 1998-08-03
PRIOR APPLICATION NUMBER: US 08/922,170
PRIOR FILING DATE: 1997-09-02
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-456-573-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2036
US-10-374-686-4/c
Sequence 4, Application US/10374686
Publication No. US20040002089A1
GENERAL INFORMATION:
APPLICANT: Dubertret, Benoit
APPLICANT: Calame, Michel
APPLICANT: Libchaber, Albert
TITLE OF INVENTION: Methods Employing Fluorescent Quenching
TITLE OF INVENTION: by Metal Surfaces
FILE REFERENCE: 600-1-260PCTUS
CURRENT APPLICATION NUMBER: US/10/374,686
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: PCT/US01/41941
PRIOR FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: 60/228728
PRIOR FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/280350
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence


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/ FEATURE:
/ OTHER INFORMATION: synthetic
US-10-374-686-4

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4461 GACCTTTTCTTTTCTTTT 4478
DB 19 GAGCTTTTCTTTTCTTTT 2

RESULT 2037
US-10-388-934-838
/ Sequence 838, Application US/10388934
/ Publication No. US20040005547A1
/ GENERAL INFORMATION:
/ APPLICANT: Boess, Franziska
/ APPLICANT: Suter-Dick, Laura
/ APPLICANT: Wolf, Declaf
/ TITLE OF INVENTION: BIOMARKERS AND EXPRESSION PROFILES FOR TOXICOLOGY
/ FILE REFERENCE: 21199
/ CURRENT APPLICATION NUMBER: US/10/388,934
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: 02005336.9
/ PRIOR FILING DATE: 2002-03-14
/ PRIOR APPLICATION NUMBER: 02015657.6
/ PRIOR FILING DATE: 2002-07-17
/ NUMBER OF SEQ ID NOS: 862
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 838
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Forward primer for CYP2B2 Gene
US-10-388-934-838

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1164 GCTCAAGTATCCCATCT 1181
DB 2 GCTCAAGTATCCCATCT 19

RESULT 2038
US-10-349-143-7056
/ Sequence 7056, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/299,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7056
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
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/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 11..21
/ OTHER INFORMATION: upstream amplification primer 99-23736 for SEQ 3122,
US-10-349-143-7056

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4028 GAGAAACCAAAATGTTAT 4045
DB 1 GAGAAACCAAACTGTTAT 18

RESULT 2039
US-10-210-130-293/C
/ Sequence 293, Application US/10210130
/ Publication No. US20040014053A1
/ GENERAL INFORMATION:
/ APPLICANT: Zethusen, Bryan D.
/ APPLICANT: Patutajan, Meera
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Rieger, Daniel K.
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Shimkets, Richard A.
/ APPLICANT: Li, Li
/ APPLICANT: Berghs, Constance
/ APPLICANT: Zhong, Mei
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Voss, Edward Z.
/ APPLICANT: Boldog, Ferenc L.
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Gorman, Linda
/ APPLICANT: Verneet, Corine A.M.
/ APPLICANT: Leite, Mario W.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Anderson, David W.
/ APPLICANT: Spyrek, Kimberly A.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Khramtsov, Nikolai V.
/ APPLICANT: Ort, Tatiana
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Agsee, Michele L.
/ APPLICANT: Chaudhuri, Amitabha
/ APPLICANT: Chant, John S.
/ APPLICANT: DiPippo, Vincent A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Eissen, Andrew J.
/ APPLICANT: Gangolli, Esba A.
/ APPLICANT: Giot, Loic
/ APPLICANT: Cui, Chean Eng
/ APPLICANT: Rothenberg, Mark E.
/ APPLICANT: Spaderna, Steven K.
/ APPLICANT: Hjal, Tord
/ APPLICANT: Liu, Xiaohong
/ APPLICANT: Taupier, Raymond J., Jr.
/ APPLICANT: Carterton, Elina
/ APPLICANT: Shenoy, Suresh G.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-416C (Gura-716 SWT)
/ CURRENT APPLICATION NUMBER: US/10/210,130
/ CURRENT FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/309,501
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/354,655
```

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; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/322,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 293
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-293

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7384 TGACAGTTCCTCGAA 7401
Db      19 TGTCCAGTTCCTCTCGAA 2

RESULT 2040
US-10-055-569A-108
; Sequence 108, Application US/10055569A
; Publication No. US20040024181A1
; GENERAL INFORMATION:
; APPLICANT: Gangoli, Esha A
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Gilbert, Jennifer
; APPLICANT: Casman, Stacie
; APPLICANT: Blalock, Angela
; APPLICANT: Li, Li
; APPLICANT: Vermet, Corine
; APPLICANT: Shenoy, Suresh
; APPLICANT: Mishra, Vishnu S
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Edinger, Shlomit
; APPLICANT: Malysanker, Uriel
; APPLICANT: Stone, David
; APPLICANT: Millet, Isabelle
; APPLICANT: Smithson, Glenda
; APPLICANT: Gunther, Erik
; APPLICANT: Eliezer, Karen
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Anderson, David W
; TITLE OF INVENTION: No. US20040024181A1 Human Proteins, Polynucleotides Encoding Th
; FILE REFERENCE: 21402-191
; CURRENT APPLICATION NUMBER: US/10/055,569A
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: 60/243,642
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,320
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,592
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,681
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; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/243,863
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/244,443
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/245,029
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/244,995
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/245,293
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 60/245,315
; PRIOR FILING DATE: 2000-11-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-055-569A-108

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3683 GCCAGAAAGCCAGCTATT 3700
Db      1 GCCAGAAAGCCAGCTATT 18

RESULT 2041
US-10-444-795B-739/C
; Sequence 739, Application US/10444795B
; Publication No. US20040077574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; FILE REFERENCE: 200125.449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; PRIOR FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 739
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
; NAME/KEY: misc feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = A,T,C,G or U
US-10-444-795B-739

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGAAGATTTC 1641
Db      18 CAGCTGCGAGATCTCC 1

RESULT 2042
US-10-444-795B-740
; Sequence 740, Application US/10444795B
; Publication No. US20040077574A1
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```
/ GENERAL INFORMATION:
/ APPLICANT: Klinghoffer, Richard
/ APPLICANT: Lewis, Stephen Patrick
/ TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
/ FILE REFERENCE: 200125.449
/ CURRENT APPLICATION NUMBER: US/10/444,795B
/ CURRENT FILING DATE: 2003-05-23
/ NUMBER OF SEQ ID NOS: 842
/ SOFTWARE: RastSeq for Windows Version 4.0
/ SEQ ID NO 740
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Small interfering RNA - MKK4.3
/ NAME/KEY: misc_feature
/ LOCATION: 1, 2
/ OTHER INFORMATION: n = A,T,C,G or U
US-10-444-795B-740

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 72.2%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGGAGAGATTTC 1641
DB      4 CAGCUGCGGAGAGAUCCUC 21

RESULT 2043
US-10-646-436-52/C
/ Sequence 52, Application US/10646436
/ Publication No. US20040096882A1
/ GENERAL INFORMATION:
/ APPLICANT: Jansen, Burkhard
/ APPLICANT: Gleave, Martin
/ APPLICANT: Stignaeysky, Maxim
/ APPLICANT: Beraldi, Eliana
/ APPLICANT: Trougakos, Ioannis
/ APPLICANT: Gonos, Efsthios
/ TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins
/ FILE REFERENCE: UBC-P-030
/ CURRENT APPLICATION NUMBER: US/10/646,436
/ CURRENT FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: US 60/405,193
/ PRIOR FILING DATE: 2002-08-21
/ PRIOR APPLICATION NUMBER: US 60/408,152
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: US 60/473,387
/ PRIOR FILING DATE: 2003-05-20
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 52
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: RNAi for human b-raf
US-10-646-436-52

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      561 AATCCCTGGGAGAGGAA 578
DB      21 AATCTCTGGGAGAGGAA 4

RESULT 2044
US-10-669-841-10
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```
/ Sequence 10, Application US/10669841
/ Publication No. US20040127446A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: Lawrence, Blalt
/ APPLICANT: Dennis, Macejak
/ APPLICANT: James, McSwiggen
/ APPLICANT: David, Morrissey
/ APPLICANT: Pamela, Rayco
/ APPLICANT: Patricia, Lee
/ APPLICANT: Kenneth, Draper
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
/ FILE REFERENCE: 400/042US (MEHB02-249-E)
/ CURRENT APPLICATION NUMBER: US/10/669,841
/ CURRENT FILING DATE: 2003-09-23
/ PRIOR APPLICATION NUMBER: PCT/US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: US 60/296,876
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 60/335,059
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: US 60/337,055
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US 09/740,332
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: US 09/611,931
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: US 09/504,321
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 10
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-10-669-841-10

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 33.3%; Pred. No. 1.4e+03;
Matches 6; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY      2904 TGCTTGTTTCCTTCTAT 2921
DB      2 UGACUUCUUCUUCUUCU 19

RESULT 2045
US-10-785-116-17
/ Sequence 17, Application US/10785116
/ Publication No. US20040142427A1
/ GENERAL INFORMATION:
/ APPLICANT: Pecker, Iris
/ APPLICANT: Vlodaevsky, Israel
/ APPLICANT: Feinstein, Elena
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
/ FILE REFERENCE: 27674
/ CURRENT APPLICATION NUMBER: US/10/785,116
/ CURRENT FILING DATE: 2004-02-25
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 17
/ LENGTH: 21
/ TYPE: DNA
```

```

; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-785-116-17
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAG 7430
Db      4 CAGAGCAGCAGCAGCATCAG 21
```

```
RESULT 2046
US-09-769-864-52/C
; Sequence 52, Application US/09769864
; Patent No. US20010039253A1
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amylase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/769,864
; CURRENT FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 09/183,412
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-769-864-52
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1919 TTGGTGCATTAAACACA 1936
Db      19 TTGGCGCATTAATACACA 2
```

```
RESULT 2047
US-09-893-238-50
; Sequence 50, Application US/09893238
; Patent No. US20020150973A1
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; APPLICANT: Nagle, D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND
; FILE REFERENCE: 7853-237
; CURRENT APPLICATION NUMBER: US/09/893,238
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: 09/245,041
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/093,630
; PRIOR FILING DATE: 1998-07-21
; PRIOR APPLICATION NUMBER: 60/104,978
; PRIOR FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-893-238-50
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7072 TGAATGCATGATGCTCCT 7089
Db      1 TGAATGCACAGAGACCTCCT 18
```

```
RESULT 2048
US-09-949-427-349
; Sequence 349, Application US/09949427
; Publication No. US20030054418A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lulis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chanyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 349
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-349
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      544 GTGCACCTTGAGGTGACA 561
Db      4 GTGCACATTTAGGTGACA 21
```

```
RESULT 2049
US-09-902-176A-29/C
; Sequence 29, Application US/09902176A
; Publication No. US2003009943A1
; GENERAL INFORMATION:
; APPLICANT: Schneider, Stefan
; APPLICANT: Hampe, Jochen
; APPLICANT: Mascheretti, Silvia
; TITLE OF INVENTION: Diagnostic Use of Polymorphisms in the Gene Coding for
; FILE REFERENCE: 25481-P00105
; CURRENT APPLICATION NUMBER: US/09/902,176A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: EP 00114786.7
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 22
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: FAM Probe
US-09-902-176A-29

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7412 TCAGCAGCAGCAGCAGCA 7429
Db 18 TCACCAGCGCAGCAGCA 1

RESULT 2050
US-09-864-636A-1899
Sequence 1899, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Altwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chenak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1899
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGGTGGGT 2887
Db 1 GGAAGAGGAGGTGGGT 18

RESULT 2051
US-09-864-636A-1966
Sequence 1966, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Altwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chenak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1966
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-1966

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4412 AAATGAATTTCTCGGT 4429
Db 1 AAATGAATTTCTCGGT 18

RESULT 2052
US-09-927-876-62/C
Sequence 62, Application US/09927876
Publication No. US20040005554A1
GENERAL INFORMATION:
APPLICANT: El Tayar, Nabli
APPLICANT: Campbell, Robert K
APPLICANT: Kelton, Christie A
APPLICANT: He, Chamel
TITLE OF INVENTION: No. US20040005554A1 Glycoproteins and Methods of Use Thereof
FILE REFERENCE: 20993-003
CURRENT APPLICATION NUMBER: US/09/927,876
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/225,035
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/202,724
PRIOR FILING DATE: 2000-05-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 62
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Probe
US-09-927-876-62

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5275 GGGAGCAGTGGCAGCCT 5292
Db 19 GGGTCAAGTGGCAGCCT 2

RESULT 2053
US-09-864-426A-1899
Sequence 1899, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichiev, Victor
APPLICANT: Saleer, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1899
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-426A-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGGTGGGT 2887
Db 1 GGAAGAGGAGGTGGGT 18

```
RESULT 2054
US-09-864-426A-1966
; Sequence 1966, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Salsner, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: PORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1966
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1966

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4412 AATGTAATTTTCTCTGCT 4429
Db      1 AATGTAATGTTCTCTCGT 18

RESULT 2055
US-10-457-047-62/c
; Sequence 62, Application US/10457047
; Publication No. US20040072214A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabli
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/457,047
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 62
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Probe
US-10-457-047-62

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5275 GGAGCAGGTGGCAGCCT 5292
Db      19 GGGTGCAAGTGCGAGCCT 2
```

```
RESULT 2056
US-10-639-491-12
; Sequence 12, Application US/10639491
; Publication No. US2004007230A1
; GENERAL INFORMATION:
; APPLICANT: HSUNG, CHAO AGNES
; APPLICANT: CHUANG, LEE-MING
; APPLICANT: HSIAO, CHIN-FU
; APPLICANT: TAI, TONG-YUAN
; TITLE OF INVENTION: HUMAN SCRS1 GENETIC VARIATIONS CONTRIBUTE TO INSULIN
; FILE REFERENCE: 8842.0007.00000
; CURRENT APPLICATION NUMBER: US/10/639,491
; CURRENT FILING DATE: 2003-08-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-639-491-12

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4258 CTTCCCTCTCTGTCACCTG 4275
Db      4 CTTCCCTCTGTGCTCTG 21

RESULT 2057
US-10-262-511-296
; Sequence 296, Application US/10262511
; Publication No. US20040038223A1
; GENERAL INFORMATION:
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John A.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Ju, Jingfang
; APPLICANT: Li, Li
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Patlurajan, Meera
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Ott, Tatiana
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Ji, Weizhen
; APPLICANT: Miller, Charles E.
; APPLICANT: Rastelli, Luca
; APPLICANT: Stone, David J.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shmets, Suresh G.
; APPLICANT: Shmets, Richard A.
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Leach, Martin D.
; APPLICANT: Agee, Michele L.
; APPLICANT: Berghs, Constance
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-462C
; CURRENT APPLICATION NUMBER: US/10/262,511
; CURRENT FILING DATE: 2003-05-28
```

```

; PRIOR APPLICATION NUMBER: 60/326,483
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/373,815
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/381,642
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2002-10-09
; PRIOR APPLICATION NUMBER: 60/381,038
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/373,260
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/373,826
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/327,435
; PRIOR FILING DATE: 2001-10-05
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO: 296
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-263-511-296
```

```

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5654 GCCTCATCTCTTGTG 5671
Db      3 GCCTCATCTCTTGTG 20
```

```

RESULT 2058
US-10-665-667-52/C
; Sequence 52, Application US/10665667
; Publication No. US20040038368A1
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/10/665,667
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/769,864
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 09/183,412
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-665-667-52
```

```

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      1919 TTGGTGCAATTAACA 1936
Db      1919 TTGGCGGCAATTAACA 2
```

```

RESULT 2059
US-10-655-847-5/C
; Sequence 5, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Pfeier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO: 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-655-847-5
```

```

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      913 GAGTGCTGGACATCAG 930
Db      20 GAGGTACTGGGCATCAG 3
```

```

RESULT 2060
US-09-949-428-349
; Sequence 349, Application US/09949428
; Publication No. US20030064372A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellan, Lawrence W.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Luisi, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tatu, Sherrie
; APPLICANT: Wu, Chanyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
; FILE REFERENCE: 02810.0014.NUS01
; CURRENT APPLICATION NUMBER: US/09/949,428
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 349
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-428-349
```

```

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      544 GTGCACTTGAGGTGACA 561
Db      544 GTGCACTTGAGGTGACA 561
```

Db 4 GTCGACATTAGTGACA 21

RESULT 2061

US-10-126-103-218

; Sequence 218, Application US/10126103

; Publication No. US20030224486A1

; GENERAL INFORMATION:

; APPLICANT: Bristol-Myers Squibb Company

; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY

; FILE REFERENCE: DOI08.np

; CURRENT APPLICATION NUMBER: US/10/126,103

; PRIOR FILING DATE: 2002-04-19

; PRIOR APPLICATION NUMBER: US 60/284,962

; PRIOR FILING DATE: 2001-04-19

; PRIOR APPLICATION NUMBER: US 60/286,645

; PRIOR FILING DATE: 2001-04-26

; PRIOR APPLICATION NUMBER: US 60/346,986

; PRIOR FILING DATE: 2002-01-09

; NUMBER OF SEQ ID NOS: 284

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 218

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-126-103-218

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 683 TGCAAGCCCTGATGTGG 700

Db 2 TCGAAGCTTTCGATGTGG 19

RESULT 2062

US-10-160-807-5/c

; Sequence 5, Application US/10160807

; Publication No. US20030224514A1

; GENERAL INFORMATION:

; APPLICANT: William Gaarde

; APPLICANT: Susan M. Freiler

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

; FILE REFERENCE: RFS-0189

; CURRENT APPLICATION NUMBER: US/10/160,807

; CURRENT FILING DATE: 2002-05-31

; NUMBER OF SEQ ID NOS: 296

; SEQ ID NO 5

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-10-160-807-5

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 913 GAGGTGCTGACATCAGG 930

Db 20 GAGGTACTGGGCATCAGG 3

RESULT 2063

US-10-084-839-1899

; Sequence 1899, Application US/10084839

; Publication No. US20030186238A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allawi, Hatim

; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.

; APPLICANT: Chehak, LuAnne

; APPLICANT: Curtis, Michelle L.

; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.

; APPLICANT: IP, Hon S.

; APPLICANT: JI, Lin

; APPLICANT: Kaiser, Michael

; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.

; APPLICANT: Lyatcheva, Natalie E.

; APPLICANT: Ma, Wupo

; APPLICANT: Neri, Bruce P.

; APPLICANT: Olson, Sarah M.

; APPLICANT: Olson-Munoz, Marilyn C.

; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew

; APPLICANT: Takova, Tsetska Y.

; APPLICANT: Thompson, Lisa C.

; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays

; FILE REFERENCE: FORS-06566

; CURRENT APPLICATION NUMBER: US/10/084,839

; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1899

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-084-839-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGTGGGGT 2887

Db 1 GGAAGAGGAAGTGGGGT 18

RESULT 2064

US-10-084-839-1966

; Sequence 1966, Application US/10084839

; Publication No. US20030186238A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allawi, Hatim

; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.

; APPLICANT: Chehak, LuAnne

; APPLICANT: Curtis, Michelle L.

; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.

; APPLICANT: IP, Hon S.

; APPLICANT: JI, Lin

; APPLICANT: Kaiser, Michael

; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.

; APPLICANT: Lyatcheva, Victor

; APPLICANT: Lyatcheva, Natalie E.

; APPLICANT: Ma, Wupo

; APPLICANT: Neri, Bruce P.

; APPLICANT: Olson, Sarah M.

; APPLICANT: Olson-Munoz, Marilyn C.

; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew

; APPLICANT: Takova, Tsetska Y.

; APPLICANT: Thompson, Lisa C.


```
APPLICANT: Vedula, Kevin L.
FILE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1966
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1966

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4412 AAATGATTTTCTCTGCT 4429
Db      1 AAATGATTTCTCTCTGCT 18

RESULT 2065
US-10-025-806-231
Sequence 231, Application US/10025806
Publication No. US20030198955A1
GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Padigar, Muralidhara
APPLICANT: Ballinger, Robert
APPLICANT: Kekuda, Ramesh
APPLICANT: Coleman, Steven
APPLICANT: Splek, Kimberly
APPLICANT: Casman, Stacie
APPLICANT: Edinger, Shlomit
APPLICANT: Gerlach, Valerie
APPLICANT: Sciore, Paul
APPLICANT: Smithson, Glenda
APPLICANT: Peyman, John
APPLICANT: MacDougall, John
APPLICANT: Stone, David
APPLICANT: Vernet, Corine
APPLICANT: Shenoy, Suresh
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Tchernev, Velizar
APPLICANT: Anderson, David
APPLICANT: Gusev, Vladimir
APPLICANT: Malyankar, Uriel
APPLICANT: Zhong, Haihong
APPLICANT: Ellerman, Karen
APPLICANT: Wolenc, Adam
FILE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-224 AB
CURRENT APPLICATION NUMBER: US/10/025,806
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/256,635
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: 60/259,743
PRIOR FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 60/299,327
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 60/261,498
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 60/263,689
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/276,464
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/271,021
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 60/275,946
```

```
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/278,150
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/285,718
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 60/312,902
PRIOR FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 60/257,876
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/260,718
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: 60/284,591
PRIOR FILING DATE: 2001-04-18
NUMBER OF SEQ ID NOS: 352
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 231
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: TagMan PCR
US-10-025-806-231

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1750 CTGACGCTCATTTATGTC 1767
Db      5 CAGCAGCTCATGATTGTC 22

RESULT 2066
US-10-360-149-62/c
Sequence 62, Application US/10360149
Publication No. US20030219786A1
GENERAL INFORMATION:
APPLICANT: El Tayar, Nabil
APPLICANT: Campbell, Robert K
APPLICANT: Kelton, Christie A
APPLICANT: He, Chao mei
FILE OF INVENTION: NO. US20030219786A1 Glycoproteins and Methods of Use Thereof
FILE REFERENCE: 20993-003
CURRENT APPLICATION NUMBER: US/10/360,149
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US/09/927,876
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/225,035
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/202,724
PRIOR FILING DATE: 2000-05-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 62
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Probe
US-10-360-149-62

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5275 GCGAGCAGTGGCAGCCT 5292
Db      19 GCGTGCAGTGGCAGCCT 2

RESULT 2067
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US-10-210-130-237
; Sequence 237, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Paturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Caeman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Smithson, Glenda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vermet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agge, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: Dipippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esna A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjal, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Bina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-05
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: Cursaseq1 version 0.1
; SEQ ID NO 237
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-237
Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 2; Indels 0; Gaps 0;
OY 5318 CTCCTCTTCTCTCTT 5335
DB 3 CTCCTCTTCTCTCTT 20
RESULT 2068
US-10-210-130-240
; Sequence 240, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Paturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Caeman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Smithson, Glenda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vermet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agge, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: Dipippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esna A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjal, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Bina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501

```
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/354,655
/ PRIOR FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: 60/310,291
/ PRIOR FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: 60/383,887
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: 60/310,951
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/323,936
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: 60/381,039
/ PRIOR FILING DATE: 2002-05-16
/ PRIOR APPLICATION NUMBER: 60/311,292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/311,979
/ PRIOR FILING DATE: 2001-08-13
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 369
/ SOFTWARE: CuroSeqLast version 0.1
/ SEQ ID NO: 240
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-240
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Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      5318 CTCCTCTTTCTCTCTTT 5335
Db      3   CTCCTCTTTCTCTCTCT 20
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```
RESULT 2069
US-10-435-696-246
/ Sequence 246, Application US/10435696
/ Publication No. US20040018525A1
/ GENERAL INFORMATION:
/ APPLICANT: Wirtz, Ralph
/ APPLICANT: Munnes, Marc
/ APPLICANT: Kallabats, Harald
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
/ FILE REFERENCE: LeA 36 108
/ CURRENT APPLICATION NUMBER: US/10/435,696
/ CURRENT FILING DATE: 2003-05-09
/ PRIOR APPLICATION NUMBER: EP03003112.4
/ PRIOR FILING DATE: 2003-02-13
/ PRIOR APPLICATION NUMBER: EP02010291.9
/ PRIOR FILING DATE: 2002-05-21
/ NUMBER OF SEQ ID NOS: 314
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 246
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: D17S2019 reverse primer
US-10-435-696-246
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```
Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      7299 TTGTTCCCTTGAGATT 7316
Db      1   TTGTTCCCTTGACTTT 18
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```
RESULT 2070
US-10-431-096-218
/ Sequence 218, Application US/10431096
/ Publication No. US20040086896A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
/ FILE REFERENCE: D0108A CIP
/ CURRENT APPLICATION NUMBER: US/10/431,096
/ CURRENT FILING DATE: 2003-05-07
/ PRIOR APPLICATION NUMBER: US 60/284,962
/ PRIOR FILING DATE: 2001-04-19
/ PRIOR APPLICATION NUMBER: US 10/126,103
/ PRIOR FILING DATE: 2002-04-19
/ PRIOR APPLICATION NUMBER: US 60/286,645
/ PRIOR FILING DATE: 2001-04-26
/ PRIOR APPLICATION NUMBER: US 60/346,986
/ PRIOR FILING DATE: 2002-01-09
/ NUMBER OF SEQ ID NOS: 307
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 218
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-431-096-218
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```
Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      683 TGCAGCCCTGGAGTGG 700
Db      2   TGCAGCTCTGGATGTGG 19
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```
RESULT 2071
US-10-309-775A-23/c
/ Sequence 23, Application US/10309775A
/ Publication No. US2004006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ CURRENT FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ PRIOR FILING DATE: 2002-05-30
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 23
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-23
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Query Match          0.2%; Score 14.8; DB 1; Length 24;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      6977 AAAACAAACGAATGA 6994
Db      23   AAAACAAACGAATGA 6
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```
RESULT 2072
US-09-922-480-7/c
/ Sequence 7, Application US/09922480
/ Patent No. US20020081701A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2073
US-09-923-236-7/c
; Sequence 7, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2074
US-09-923-246-38/c
; Sequence 38, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
```

```
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2075
US-09-920-342-3/c
; Sequence 3, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chung, Cheng-Ming
; APPLICANT: Widelitz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; CURRENT FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; PRIOR FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)-26mer primer
US-09-920-342-3

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAAAAACA 4037
Db      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2076
US-09-922-469-7/c
; Sequence 7, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
```

```

; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-469-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 TAAATGAGAAAAAGAGAGAAACA 4036
DB      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2077
US-09-949-305B-4/C
; Sequence 4, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Ying, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: poly(dT) primer
US-09-949-305B-4

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACA 4037
DB      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2078
US-10-143-266-2/C
; Sequence 2, Application US/10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Rannum, Laura
; APPLICANT: Day, John
; APPLICANT: Liqiori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110-01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
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; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 26
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-2

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      2951 CAGCAGACGACGACGACGACGACGAC 2976
DB      26 CAGCAGACGACGACGACGACGACGACGAC 1

RESULT 2079
US-10-053-883-53/C
; Sequence 53, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN=1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sythetic
US-10-053-883-53

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACA 4037
DB      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2080
US-10-295-723-38/C
; Sequence 38, Application US/10295723
; Publication No. US20030125524A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030125524A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
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;; PRIOR APPLICATION NUMBER: US 60/123,547
;; PRIOR FILING DATE: 1999-03-09
;; PRIOR APPLICATION NUMBER: US 60/123,904
;; PRIOR FILING DATE: 1999-03-11
;; PRIOR APPLICATION NUMBER: US 60/142,013
;; PRIOR FILING DATE: 1999-07-01
;; NUMBER OF SEQ ID NOS: 115
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 38
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-295-723-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAAACA 4036
DB 26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2081
US-10-659-684-38/C
;; Sequence 38, Application US/10659684
;; Publication No. US20040110932A1
;; GENERAL INFORMATION:
;; APPLICANT: Novak, Julia E.
;; APPLICANT: Presnell, Scott R.
;; APPLICANT: Sprecher, Cindy A.
;; APPLICANT: Foster, Donald C.
;; APPLICANT: Holly, Richard D.
;; APPLICANT: Gross, Jane A.
;; APPLICANT: Johnston, Janet V.
;; APPLICANT: Nelson, Andrew J.
;; APPLICANT: Dillon, Stacey R.
;; APPLICANT: Hammond, Angela K.
;; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
;; FILE REFERENCE: 99-16
;; CURRENT APPLICATION NUMBER: US/10/659,684
;; CURRENT FILING DATE: 2003-09-10
;; PRIOR APPLICATION NUMBER: US/09/522,217
;; PRIOR FILING DATE: 2000-03-09
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
;; NUMBER OF SEQ ID NOS: 115
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 38
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-659-684-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAAACA 4036
DB 26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2082
US-09-263-959-524

;; Sequence 524, Application US/09263959
;; Patent No. US20020150891A1
;; GENERAL INFORMATION:
;; APPLICANT: Hood, Leroy E.
;; APPLICANT: Rowen, Lee
;; APPLICANT: Koop, Ben F.
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSER: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMaisters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 524:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 27 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-263-959-524

Query Match 0.2%; Score 14.8; DB 1; Length 27;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAAACA 4037
DB 1 AAAAGAAAAAGAAAAA 26

RESULT 2083
US-10-369-036B-42/C
;; Sequence 42, Application US/10369036B
;; Publication No. US20030228593A1
;; GENERAL INFORMATION:
;; APPLICANT: Suga, Hiroaki et al.
;; TITLE OF INVENTION: Ribozymes with broad tRNA aminoacylation activity
;; FILE REFERENCE: 11520.0290
;; CURRENT APPLICATION NUMBER: US/10/369,036B
;; CURRENT FILING DATE: 2003-02-18
;; PRIOR APPLICATION NUMBER: 60/357,424
;; PRIOR FILING DATE: 2002-02-15
;; NUMBER OF SEQ ID NOS: 61
;; SEQ ID NO 42
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: artificial sequence
;; FEATURE:
;; OTHER INFORMATION: synthesized
US-10-369-036B-42

Query Match 0.2%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4004 TTAGGTCTAAATGAGAAAAAGAGA 4029
||||| ||| ||| ||| |||
Db 26 TTAGGTAAATGAGAAAAAGAGA 1

RESULT 2084
US-10-176-464A-18
Sequence 18, Application US/10176464A
Publication No. US20030165902A1
GENERAL INFORMATION:
APPLICANT: Bieganski, Karyn
APPLICANT: Lee, Helen
APPLICANT: Messer, Chad
APPLICANT: Monroe, Glen
TITLE OF INVENTION: HAPLOTYPES OF THE F2R GENE
FILE REFERENCE: F2R_MMH-1457US
CURRENT APPLICATION NUMBER: US/10/176,464A
CURRENT FILING DATE: 2002-06-20
PRIOR APPLICATION NUMBER: PCT/US01/30876
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/236,603
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-10-176-464A-18

Query Match
Best Local Similarity 93.3%; Score 14.6; DB 1; Length 15;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3877 TCCTGCCCCGCCGAG 3891
||||| ||| ||| ||| |||
Db 1 TCCTGCCCCGCCGAG 15

RESULT 2085
US-09-912-014-2
Sequence 2, Application US/09912014
Publication No. US2003005929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-912-014-2

Query Match
Best Local Similarity 76.2%; Score 14.6; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAAT 4040
||||| ||| ||| ||| |||
Db 1 AAAAAAGAGAAACAAAT 21

RESULT 2086
US-10-371-066-2
Sequence 2, Application US/10371066
Publication No. US20030162214A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: NO. US20030162214A1member 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-371-066-2

Query Match
Best Local Similarity 76.2%; Score 14.6; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAACAAT 4040
|||||
Db 1 AAAAAAAAAAAAAAAAAAU 21

RESULT 2087
US-10-170-172-2
; Sequence 2, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOMSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: NERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/986,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: u
; LOCATION: (21)
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized
; OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid
; OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
US-10-170-172-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.5e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAACAAT 4040
|||||
Db 1 AAAAAAAAAAAAAAAAAAU 21

RESULT 2088
US-10-410-031-188/C
; Sequence 188, Application US/10410031
; Publication No. US20040010817A1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Browne, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases
; FILE REFERENCE: DOW-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-188

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 4019 GAAAAAGAGAAAAACAAT 4039
|||||
Db 21 GAAAAAAAAAAAAAAAAAA 1

RESULT 2089
US-09-187-289-11/C
; Sequence 11, Application US/09187289
; Patent No. US20020009719A1
; GENERAL INFORMATION:
; APPLICANT: Walt, David R.
; APPLICANT: Healey, Brian G.
; TITLE OF INVENTION: Fiber Optic Biosensor for Selectively Detecting
; TITLE OF INVENTION: Oligonucleotide Species in a Mixed Fluid Sample
; FILE REFERENCE: A67210-1/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/187,289
; CURRENT FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: 08/851,203
; PRIOR FILING DATE: 1997-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-187-289-11

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3653 AAGAAATACCCGAGACCCAC 3673
|||||
Db 21 AATTAACCAACCCCTGACCCAC 1

RESULT 2090
US-09-187-289-12
; Sequence 12, Application US/09187289
; Patent No. US20020009719A1
; GENERAL INFORMATION:
; APPLICANT: Walt, David R.
; APPLICANT: Healey, Brian G.
; TITLE OF INVENTION: Fiber Optic Biosensor for Selectively Detecting
; TITLE OF INVENTION: Oligonucleotide Species in a Mixed Fluid Sample
; FILE REFERENCE: A67210-1/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/187,289
; CURRENT FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: 08/851,203
; PRIOR FILING DATE: 1997-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-187-289-12

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3653 AAGAAATACCCGAGACCCAC 3673
|||||
Db 1 AATTAACCAACCCCTGACCCAC 21


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RESULT 2091
US-09-863-693-10
; Sequence 10, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPacIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/863,693
; FILING DATE: 23-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/070,166
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.
; REGISTRATION NUMBER: 36,487
; REFERENCE/DOCKET NUMBER: P1099R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-2066
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-863-693-10
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 185 GCCGCTGACCTCCGACGGG 205
DB 1 GCCGTGGAGCTCAGCACGGG 21
RESULT 2092
US-09-898-570-53/c
; Sequence 53, Application US/09898570
; Patent No. US20020123612A1
; GENERAL INFORMATION:
; APPLICANT: GERLACH, VALERIE L.
; APPLICANT: ELLERMAN, KAREN R.
; APPLICANT: MACDOUGALL, JOHN R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: 15966-776CIP
; CURRENT APPLICATION NUMBER: US/09/898,570
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/198,293
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/198,645
```

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; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/210,809
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/199,476
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,025
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/224,610
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,024
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/199,880
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/218,591
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/271,814
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/215,855
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 09/839,446
; PRIOR FILING DATE: 2001-04-19
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-898-570-53
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 6523 GACTATTAGCTGCCCCATAGG 6543
DB 21 GATTATGAGCTGCCCCACAG 1
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```
RESULT 2093
US-09-944-326-3
; Sequence 3, Application US/09944326
; Patent No. US20020128220A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rennie, Paul S.
; APPLICANT: Miyake, Hideaki
; APPLICANT: Nelson, Colleen
; TITLE OF INVENTION: TRPM-2 ANTISENSE THERAPY
; FILE REFERENCE: UBC.P-020-2
; CURRENT APPLICATION NUMBER: US/09/944,326
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 60/121,726
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 09/913,325
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: antisense TRPM-2 ODN
US-09-944-326-3
```

```
QY 674 TGGAGTCTGTGCAAGCCCTGG 694
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Db 1 TGAGTCTTGACGCGCTCG 21

RESULT 2094
US-09-969-373-4112/c
; Sequence 4112, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4112
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4112

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5745 TTCTCTATTCAGCTGCTT 5765
Db 21 TTGATCTATTCAGCTGCTT 1

RESULT 2095
US-09-263-959-807
; Sequence 807, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent'n Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 807:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-807

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5327 TCTCTCTTGTGCTGCTCTCT 5347
Db 1 TCTCTCTCTCTCTCTCTCTCT 21

RESULT 2096
US-09-263-959-892
; Sequence 892, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent'n Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 892:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-892

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4465 TTTTCTTTTCTTTTCTTTTCT 4485
Db 1 TTGTGTGTGTGTGTGTGTGTGT 21

RESULT 2097
US-09-263-959-969/c
; Sequence 969, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279

: CORESPONDENCE ADDRESS :
 : ADDRESSEE: Seed and Berry LLP
 : STREET: 6300 Columbia Center, 701 Fifth Avenue
 : CITY: Seattle
 : STATE: Washington
 : COUNTRY: US
 : ZIP: 98104-7092
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/263,959
 : FILING DATE: 05-MAR-1999
 :
 : CLASSIFICATION:
 :
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Mcmasters, David D.
 : REGISTRATION NUMBER: 33,963
 : REFERENCE/DOCKET NUMBER: 920010.426C2
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (206) 622-4900
 : TELEFAX: (206) 682-6031
 : INFORMATION FOR SEQ ID NO: 969:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 21 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 :
 : US-09-263-959-969

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QY      4467 TTTT TTTT TTTT TTTT TTTT GCTC 4467      0.2%; Score 14.6; DB 1; length 21;
          ||||| ||||| ||||| ||||| ||||| |||||      Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Db      21 TGT TTT TTT TGT GTT GTT GTT 1      Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0

RESULT 2098
US-09-943-388-35/c
Sequence 35, Application US/09943388
Patent No. US20020160953A1
GENERAL INFORMATION:
APPLICANT: Holloway, James L.
APPLICANT: Webster, Philippa J.
APPLICANT: Thayer, Edward C.
TITLE OF INVENTION: Mammalian Glycoprotein Hormone-1
FILE REFERENCE: 00-34
CURRENT APPLICATION NUMBER: US/09/943,388
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: 09/833,706
PRIOR APPLICATION NUMBER: 2000-04-25
PRIOR APPLICATION NUMBER: US 60/199,498
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-943-388-35

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Query	4476	TTTTTTTGTCTTGAGACATG	4496	
Db	21	TTTTCTTGGCTTGAGTCTTG	1	

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RESULT 2099
US-09-805-761-53/c
; Sequence: 53, %Application US/09805761
; Patent No. US20020165117A1
;
GENERAL INFORMATION:
; APPLICANT: G111, Parkesh
; APPLICANT: Masood, Ritwan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE
; TITLE OF INVENTION: VEGF Oligonucleotides
; FILE REFERENCE: 21327-7010CN2
;
CURRENT APPLICATION NUMBER: US/09/805,761
CURRENT FILING DATE: 2001-03-13
;
PRIOR APPLICATION NUMBER: PCT/US01/00019
PRIOR FILING DATE: 2001-01-19
;
PRIOR APPLICATION NUMBER: US 09/487,023
PRIOR FILING DATE: 2000-01-19
;
PRIOR APPLICATION NUMBER: US 09/016,541
PRIOR FILING DATE: 2000-11-24
;
PRIOR APPLICATION NUMBER: US 09/016,541
PRIOR FILING DATE: 1998-01-30
;
PRIOR APPLICATION NUMBER: US 60/037,004
PRIOR FILING DATE: 1997-01-31
;
NUMBER OF SEQ ID NOS: 64
;
SOFTWARE: FastSeq for Windows Version 4.0
;
SEQ ID NO 53
;
LENGTH: 21
;
TYPE: DNA
;
ORGANISM: Homo sapiens
;
FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(21)
;
OTHER INFORMATION: FIGF
;
US-09-805-761-53

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Query Match	0.2%	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Pred. No. 1.5e+03		
Matches 17	Conservative 0	Mismatches 4	Indels 0	Gaps 0

Oy		5175	TGGGCTTCATGTTCAC	5195
Dδ		21	TGGCGTGAACATGTGCCAC	1

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RESULT 2100
US-09-766-450-90/c
? Sequence 90, Application US/09766450
? Publication No. US20030022165a1
? GENERAL INFORMATION:
? APPLICANT: Collins, Collin
? APPLICANT: Volk, Stanislaw
? APPLICANT: Gray, Joe W.
? APPLICANT: Albertson, Donna G.
? APPLICANT: Pinkel, Daniel
? APPLICANT: The Regents of the University of California
? TITLE OF INVENTION: Repeat-Free Probes for Molecular
? TITLE OF INVENTION: Cytogenetics
? FILE REFERENCE: 023071-111800US
? CURRENT APPLICATION NUMBER: US/09/766,450
? CURRENT FILING DATE: 2002-01-19
? NUMBER OF SEQ ID NOS: 112
? SOFTWARE: PatSeqSO for Windows Version 3.0
? SEQ ID NO 90
? LENGTH: 21
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: primer 709543.r1
? US-09-766-450-90

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Query Match Similarity	0.23	Score	14.6	DB 1	Length	21	
Best Local Similarity	81.0%	Pred. No.	1.5e+03				
Matches 17, Conservative	0	Mismatches	4	Indels	0	Gaps	0

QY 4942 CTCCTTACTTTTCTCTCT 4962
Db 21 CTCCTTACGTTTTCCTCT 1

RESULT 2101
US-09-938-689-53/c
; Sequence 53, Application US/09938689
; Publication No. US20030028911A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Manley
; APPLICANT: Harding, Fiona
; TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF
; FILE REFERENCE: 9342-028
; CURRENT APPLICATION NUMBER: US/09/938,689
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 09/651,361
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/151,688
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-938-689-53

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7406 GCAACATCAGCAGCAGCA 7426
Db 21 GCAACACCAGGAGCAGCCCA 1

RESULT 2102
US-09-932-300-14
; Sequence 14, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARTER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-3U2
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-932-300-14

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 566 CTGGGAAGGAGAGATCGAA 586
||| ||| ||| ||| ||| ||| |||

Db 1 CTGAGGAGGAGGAGGAAGAA 21

RESULT 2103
US-09-998-027-181
; Sequence 181, Application US/09998027
; Publication No. US20030093819A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea et al.
; TITLE OF INVENTION: Methods and Compositions for the
; TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
; FILE REFERENCE: 2486/101
; CURRENT APPLICATION NUMBER: US/09/998,027
; CURRENT FILING DATE: 2001-11-02
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 181
; LENGTH: 21
; TYPE: DNA
; ORGANISM: MG763
US-09-998-027-181

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2742 CGTGCAGTTCACGAGATAC 2762
Db 1 CATTCAGATTCACCGAGCAC 21

RESULT 2104
US-09-967-726A-3
; Sequence 3, Application US/09967726A
; Publication No. US20030158130A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rennie, Paul S.
; APPLICANT: Miyake, Hideaki
; APPLICANT: Nelson, Colleen
; APPLICANT: Zelwegger, Tobias
; TITLE OF INVENTION: Chemo- and Radiation-Sensitization of Cancer by Antisense TRPM-2
; FILE REFERENCE: UBC-P-022
; CURRENT APPLICATION NUMBER: US/09/967,726A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: human
US-09-967-726A-3

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 674 TGGAGTCTGTGCAAGCCCTGG 694
Db 1 TGGAGTCTTGGACGCGCTCGG 21

RESULT 2105
US-09-373-403-10
; Sequence 10, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.

```
/ TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
/ FILE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
/ FILE REFERENCE: P1099CJ a
/ CURRENT APPLICATION NUMBER: US/09/373,403
/ PRIOR FILING DATE: 1999-08-12
/ PRIOR APPLICATION NUMBER: US 08/850,058
/ PRIOR FILING DATE: 1997-05-02
/ NUMBER OF SEQ ID NOS: 26
/ SEQ ID NO 10
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Mutant
US-09-373-403-10

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      185 GCGCGCTGACCTCCGACGCGG 205
Db      1 GCGGTGAGCTCAGACGCGG 21

RESULT 2106
US-10-416-090-19/c
/ Sequence 19, Application US/10416090
/ Publication No. US20040071711A1
/ GENERAL INFORMATION:
/ APPLICANT: Bicknell, Roy
/ APPLICANT: Huminski, Lukasz
/ TITLE OF INVENTION: IMAGING, DIAGNOSIS AND TREATMENT OF
/ FILE OF INVENTION: DISEASE
/ FILE REFERENCE: 12795-0150S1
/ CURRENT APPLICATION NUMBER: US/10/416,090
/ PRIOR FILING DATE: 2003-10-15
/ PRIOR APPLICATION NUMBER: PCT/US01/04906
/ PRIOR FILING DATE: 2001-11-06
/ PRIOR APPLICATION NUMBER: US 60/245,566
/ PRIOR FILING DATE: 2000-11-06
/ PRIOR APPLICATION NUMBER: US 60/273,662
/ PRIOR FILING DATE: 2001-03-07
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 19
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-416-090-19

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6568 TTTTGACCTGGATCATGTG 6588
Db      21 TTTTACCTGGAGACATTG 1

RESULT 2107
US-10-467-721-39/c
/ Sequence 39, Application US/10467721
/ Publication No. US20040058366A1
/ GENERAL INFORMATION:
/ APPLICANT: JAPAN SCIENCE AND TECHNOLOGY CORPORATION
/ TITLE OF INVENTION: Bmi12, novel clock genes
/ FILE REFERENCE: A011-15PCT
/ CURRENT APPLICATION NUMBER: US/10/467,721
/ PRIOR FILING DATE: 2003-08-11
/ PRIOR APPLICATION NUMBER: JP 2001/35743
```

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/ PRIOR FILING DATE: 2001-02-13
/ NUMBER OF SEQ ID NOS: 63
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 39
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: CB1R1600-primer
US-10-467-721-39

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4996 CCAGCTGAAGACAGATGGA 5016
Db      21 CCAGCTGAAGAAATGCTGGA 1

RESULT 2108
US-09-825-886-6/c
/ Sequence 6, Application US/09825886
/ Publication No. US20020076693A1
/ GENERAL INFORMATION:
/ APPLICANT: Hovanessian, Ara
/ APPLICANT: Callebaut, Christian
/ APPLICANT: Krust, Bernard
/ APPLICANT: Jacotot, Etienne
/ APPLICANT: Muller, Sylviane
/ APPLICANT: Briand, Jean-Paul
/ APPLICANT: Guichard, Giles
/ TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
/ FILE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
/ FILE REFERENCE: 03495.0166-01000
/ CURRENT APPLICATION NUMBER: US/09/825,886
/ PRIOR FILING DATE: 2001-07-26
/ PRIOR APPLICATION NUMBER: 09/393,302
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: PCT/EP98/01409
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/040,969
/ PRIOR FILING DATE: 1997-03-12
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: primer
US-09-825-886-6

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      60 CGAGGCTGCGGCGGCGCGG 80
Db      21 CAGAGCTGCCGCGCGCGCGG 1

RESULT 2109
US-10-156-995-155
/ Sequence 155, Application US/10156995
/ Publication No. US20030211486A1
/ GENERAL INFORMATION:
/ APPLICANT: DNA Print Genomics, Inc.
/ APPLICANT: FRUDAKIS, Tony N.
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING POLYMORPHISMS ASSOCIATED W
/ FILE REFERENCE: DNA1140-7
```

```

CURRENT APPLICATION NUMBER: US/10/156,995
CURRENT FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: US 60/346,303
PRIOR FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: US 60/334,674
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/344,418
PRIOR FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/322,662
PRIOR FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/310,781
PRIOR FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US 60/300,187
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/293,560
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 224
SOFTWARE: PatentIn version 3.1
SEQ ID NO 155
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-156-995-155

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1851 GGTGAGACGCTGCTGACAGAC 1871
          |||||
Db       1 GATGAGAGCGCTGCTGAAGAC 21

RESULT 2110
US-10-325-810-507
Sequence 507, Application US/10325810
Publication No. US20030204069A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
           Lingner, Joachim
           Nakamura, Toru
           Chapman, Karen B.
           Morin, Gregg B.
           Harley, Calvin B.
           Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325,810
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181
FILING DATE: 29-Sep-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
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FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-00262005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 507:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphothioate"
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note="260-280 primer"
US-10-325-810-507
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      4735 GGCAGCTGGAGAGAGG 4755
          |||||
Db       1 GGAACCTGGCGAGAGG 21
```

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RESULT 2111
US-10-252-155-556/C
Sequence 556, Application US/10252155
Publication No. US20040068096A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
FILE REFERENCE: D0152 NP
CURRENT APPLICATION NUMBER: US/10/252,155
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/324,172
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: US 60/333,700
PRIOR FILING DATE: 2001-11-27
NUMBER OF SEQ ID NOS: 783
SOFTWARE: PatentIn version 3.1
SEQ ID NO 556
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-252-155-556
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6954 AAAGGAGGGAGAGATGAG 6974
          |||||
```

Db 21 AAGGGAGGAGAAGAAG 1

RESULT 2112
US-10-252-155-557/c
; Sequence 557, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; PRIOR FILING DATE: 2002-09-20
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/334,172
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 557
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-252-155-557

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6954 AAGGGAGGAGAAGAAG 6974

Db 21 AAGGGAGGAGAAGAAG 1

RESULT 2113
US-10-252-155-594
; Sequence 594, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; PRIOR FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US 60/324,172
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/333,700
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 594
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-252-155-594

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2592 CTCGTCTCTATCCAGACC 2612

Db 1 CTCGTCTCTATCCAGACC 21

RESULT 2114
US-10-085-906-446/c
; Sequence 446, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Viny, Vincent

; APPLICANT: Wu, Paul
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 446
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-446

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4460 GCACCTTTTCTTTTCTTTT 4480

Db 21 GCATTCCTTATTTTCTTTT 1

RESULT 2115
US-10-085-906-543/c
; Sequence 543, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Paul
; APPLICANT: Viny, Vincent
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 543
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-543

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4581 TTTTCTTCTGACTGTTCA 4601

Db 21 TTTTCTTCTGATGTTATTT 1

RESULT 2116
US-10-143-437-10
; Sequence 10, Application US/10143437
; Publication No. US20030078385A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; APPLICANT: CARTER, P.J.

```

1  MERCHANT, A.M.
2  PRESAT, L.G.
3  TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
4  NUMBER OF SEQUENCES: 26
5  CORRESPONDENCE ADDRESS:
6  ADDRESSEE: Genentech, Inc.
7  STREET: 1 DNA Way
8  CITY: South San Francisco
9  STATE: California
10 COUNTRY: USA
11 ZIP: 94080
12
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS
17 SOFTWARE: WinPatIn (Genentech)
18
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/10/143,437
21 FILING DATE: 10-May-2002
22 CLASSIFICATION: <Unknown>
23
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US/09/863,693
26 FILING DATE: 23-May-2001
27 APPLICATION NUMBER: 09/070,166
28 FILING DATE: <Unknown>
29
30 ATTORNEY/AGENT INFORMATION:
31 NAME: Conley, Delidre L.
32 REGISTRATION NUMBER: 36,487
33 REFERENCE/DOCKET NUMBER: P1099R1
34 TELECOMMUNICATION INFORMATION:
35 TELEPHONE: 650/225-2066
36 TELEFAX: 650/952-9881
37
38 INFORMATION FOR SEQ ID NO: 10:
39 SEQUENCE CHARACTERISTICS:
40 LENGTH: 21 base pairs
41 TYPE: Nucleic Acid
42 STRANDEDNESS: Single
43 TOPOLOGY: Linear
44
45 US-10-143-437-10
46 SEQUENCE DESCRIPTION: SEQ ID NO: 10:
47
48
49 Query Match 0.2% Score 14.6; DB 1; Length 21;
50 Best Local Similarity 81.0%; Pred. No. 1.5e+03;
51 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0.
52
53 QY 185 GCCGCTGACCTCCGACGCGG 205
54 ||||| ||||| |||||
55 Db 1 GCCGTGGAGCTCAGCACGG 21
56
57 RESULT 2117
58 US-10-184-722-9/c
59 Sequence 9, Application US/10184722
60 Publication No. US20030092618A1
61 GENERAL INFORMATION:
62 APPLICANT: HINDA, SHUJI
63 APPLICANT: TATEMOTO, KAZUHIRO
64 APPLICANT: HOSOYA, MASAKI
65 APPLICANT: HABATA, YUICHI
66 APPLICANT: FUJII, RYO
67 APPLICANT: KITADA, CHIEKO
68 TITLE OF INVENTION: POLYPEPTIDES, THEIR PRODUCTION AND USE
69 FILE REFERENCE: 48970(342)
70 CURRENT APPLICATION NUMBER: US/10/184,722
71 CURRENT FILING DATE: 2002-06-27
72 PRIOR APPLICATION NUMBER: US/09/255,518
73 PRIOR FILING DATE: 1999-02-22
74 PRIOR APPLICATION NUMBER: PCT/JP98/05805
75 PRIOR FILING DATE: 1998-12-22
76 PRIOR APPLICATION NUMBER: 9-353955
77 PRIOR FILING DATE: 1997-12-24
78 PRIOR APPLICATION NUMBER: 10-032577

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TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 274:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate"
SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-044-692-274

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4735 GGCCAGCTGGAGAGAGAGG 4755
Db 1 GGACACCTGGCGAGAGAGG 21

RESULT 2119
US-10-044-539-274
Sequence 274, Application US/10044539
Publication No. US2003010093A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 274:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate"
SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-044-539-274

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4735 GGCCAGCTGGAGAGAGAGG 4755
Db 1 GGACACCTGGCGAGAGAGG 21

RESULT 2120
US-10-005-956-350/c
Sequence 350, Application US/10005956
Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
FILE REFERENCE: D0053NP
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
CURRENT FILING DATE: 2001-12-03
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: PatentIn version 3.0
ORGANISM: homo sapiens
SEQ ID NO 350
LENGTH: 21
TYPE: DNA
US-10-005-956-350

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2395 ATCCAGCTGGAGACACAGTG 2415
Db 21 ATCCAGCTGGGTGAACAGTG 1

RESULT 2121
US-10-005-956-361
Sequence 361, Application US/10005956
Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT FILING DATE: 2001-12-03
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: PatentIn version 3.0
SEQ ID NO 361
LENGTH: 21

TYPE: DNA
ORGANISM: homo sapiens
US-10-005-956-361

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5317 TCTCTCTTTCTCTCTTGC 5337
Db 1 TCTCTACTTCCCTCCCTTTGC 21

RESULT 2122
US-10-242-822B-30/c
Sequence 30, Application US/10242822B
Publication No. US20030113799A1
GENERAL INFORMATION:
APPLICANT: Pisarchik, Alexander
APPLICANT: Slominski, Andrzej
TITLE OF INVENTION: Variants of Corticotropin Releasing Hormone
TITLE OF INVENTION: Receptor Type 1 and Uses Thereof
FILE REFERENCE: D6420
CURRENT APPLICATION NUMBER: US/10/242, 822B
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/322,195
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 30
LENGTH: 21
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: reverse primer P163
US-10-242-822B-30

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 823 GTGCGCCCTGCCATGTGAG 843
Db 21 GTCCGCTCTGCCATCCGAG 1

RESULT 2123
US-10-184-085A-365/c
Sequence 365, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184, 085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 365
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-365

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2876 GGGAGTGGGGTAGGAGAG 2896

Db 21 GGGTGGTGGGGATGATGAG 1

RESULT 2124
US-10-184-085A-677
Sequence 677, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184, 085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 677
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-677

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3874 ACCCTCCGCCGCCGAGTC 3894
Db 1 ATCTCCACCCCGCTAGTC 21

RESULT 2125
US-10-340-097-96/c
Sequence 96, Application US/10340097
Publication No. US20030162276A1
GENERAL INFORMATION:
APPLICANT: Rattner, Amir
APPLICANT: Sun, Hui
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Anderson, Kent L.
APPLICANT: Leppert, Mark
APPLICANT: Dean, Michael
APPLICANT: Singh, Nanda
APPLICANT: Shroyer, No. US20030162276A1h F.
APPLICANT: Smallwood, Philip M.
APPLICANT: Allikmets, Rando
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
FILE REFERENCE: BYLR0065
CURRENT APPLICATION NUMBER: US/10/340, 097
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US/09/032, 438A
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn Version 3.1
SEQ ID NO 96
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-96

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2876 GGGAGTGGGGTAGGAGAG 2896

Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%	Pred. NO. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

```
QY      3228 GAGGCAAGGATTTTAAAGAG 3248
          ||| ||||| |||||
Db       21 GAGCAAGGATGTTTAGGAG 1
```

RESULT 2126
US-10-340-097-103

APPLICANT:	Ratner, Amir
APPLICANT:	Sun, Hui
APPLICANT:	Lupski, James R.
APPLICANT:	Nathans, Jeremy
APPLICANT:	Anderson, Kent L.
APPLICANT:	Leppert, Mark
APPLICANT:	Dean, Michael
APPLICANT:	Singh, Nanda
APPLICANT:	Shroyer, No. US20030162276A1 F.
APPLICANT:	Smallwood, Philip M.
APPLICANT:	Allkmeets, Rando
APPLICANT:	Lewis, Richard A.
APPLICANT:	Li, Yixin
TITLE OF INVENTION:	Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
TITLE OF INVENTION:	Transporter And Methods Of Screening For Agents That Modify ATP

QY 5907 ACCTGTTCCCAAGCCCCAGAG 5927
 Db 1 ACCTCTTCCCAACCCAGAG 21

```

RESULT 2127
US-10-253-967-22/c
Sequence 22, Application US/1023967
Publication No. US20030165925A1
GENERAL INFORMATION:
APPLICANT: SAITO et al.,
TITLE OF INVENTION: DIAGNOSTIC PROBE DETECTION SYSTEM
FILE REFERENCE: 27978/37504A
CURRENT APPLICATION NUMBER: US/10/253,967
CURRENT FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: US 60/324,421
PRIOR FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 21

```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: %
; NAME/KEY: misc feature
; OTHER INFORMATION: Allele A*0101
US-10-253-967-22

```

Query Match	0.2%	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Pred. No. 1.5e+03		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

```

QY      2740 GCCGTGAGGTTCAACCAAGAT 2760
          |||||
Db      21  GCCGCGCAGGTCACCAAGTT 1

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RESULT 2128
US-10-253-967-25/c
: Sequence 25, Application US/10253967
: Publication No. US20030165925A1
: GENERAL INFORMATION:
: APPLICANT: SAITO et al..
: TITLE OF INVENTION: DIAGNOSTIC PROBE DETECTION SYSTEM
: FILE REFERENCE: 27978/37504A
: CURRENT APPLICATION NUMBER: US/10/253,967
: CURRENT FILING DATE: 2002-09-24
: PRIOR APPLICATION NUMBER: US 60/324,421
: PRIOR FILING DATE: 2001-09-24
: NUMBER OF SEQ ID NOS: 53
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 25
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc feature
: OTHER INFORMATION: Allele B*1401, B*1521, B*3901
US-10-253-967-25

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Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

Oy 2740 GCCGTCAGGTTCACCGAGAT 2760
 |||||
Db 21 GCCGCCAGGTTCCGCAGGCT 1

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1      RESULT 2129
2      US-10-080-794-3
3      ; Sequence 3, Application US/10080794
4      ; Publication No. US2003016591A1
5      ; GENERAL INFORMATION:
6      ; APPLICANT: Gleave, Martin
7      ; APPLICANT: Rennie, Paul S.
8      ; APPLICANT: Miyake, Hideaki
9      ; APPLICANT: Nelson, Colleen
10     ; APPLICANT: Monia, Brett P.
11     ; TITLE OF INVENTION: TRPM-2 ANTISENSE THERAPY USING AN OLIGONUCLEOTIDE
12     ; TITLE OF INVENTION: HAVING 2'-O-(2-METHOXY) ETHYL MODIFICATIONS
13     ; FILE REFERENCE: UBC.P-020-3
14     ; CURRENT APPLICATION NUMBER: US/10/080,794
15     ; CURRENT FILING DATE: 2002-02-22
16     ; PRIOR APPLICATION NUMBER: 60/121,726
17     ; PRIOR FILING DATE: 1999-02-26
18     ; PRIOR APPLICATION NUMBER: 09/913,325
19     ; PRIOR FILING DATE: 2001-08-10
20     ; PRIOR APPLICATION NUMBER: 09/944,326
21     ; PRIOR FILING DATE: 2001-08-30
22     ; NUMBER OF SEQ ID NOS: 19
23     ; SOFTWARE: PatentIn Ver. 2.1.1
24     ; SEQ ID NO 3
25     ; LENGTH: 21

```

```

; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: antisense TRPM-2 ODN
US-10-080-794-3
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      674 TGGAGCTGTGCAAGCCCTCG 694
Db      1 TGGAGCTGTGCAAGCCCTCG 21
```

```
RESULT 2130
US-10-336-215-96/c
; Sequence 96, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
```

```

; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; PRIORITY FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-215-96
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3228 GAGGGAAGGATTTTGGAG 3248
Db      21 GAGCAAGAGATGTTTAGAG 1
```

```
RESULT 2131
US-10-336-215-103
; Sequence 103, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
```

```

; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
```

```

; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-215-103
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5907 ACCTGTTCCCAAGCCAGAG 5927
Db      1 ACCTGTTCCCAAGCCAGAG 21
```

```
RESULT 2132
US-10-336-219-96/c
; Sequence 96, Application US/10336219
; Publication No. US20030170853A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170853A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
```

```

; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
; FILE REFERENCE: BYLR0072
; CURRENT APPLICATION NUMBER: US/10/336,219
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-96
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
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```
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3228 GAGGAGAGATTTTAGAG 3248
Db 21 GAGCAAGATGATGTTTAGAG 1
RESULT 2133
US-10-336-219-103
; Sequence 103, Application US/10336219
; Publication No. US20030170853A1
; GENERAL INFORMATION:
; APPLICANT: Allkmeets, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupeki, James R.
; APPLICANT: Mathans, Jeremy
; APPLICANT: Ratner, Amir
; APPLICANT: Shroyer, No. US20030170853A1h F.
; APPLICANT: Smallwood, Phillip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Method Of Gene Therapy Using Nucleic Acid Sequences For
; FILE REFERENCE: BYL0072
; CURRENT APPLICATION NUMBER: US/10/336,219
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-103
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5907 ACCGTGCTCCAGCCAGAG 5927
Db 1 ACCCTTTCCCAACCCAGAG 21
RESULT 2134
US-10-165-099-181
; Sequence 181, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 181
; LENGTH: 21
; TYPE: DNA
```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-181
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2742 CGTGAGGTTCCAGAGATAC 2762
Db 1 CATTCAGATTCCAGGACAC 21
RESULT 2135
US-10-108-260A-4958/c
; Sequence 4958, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4958
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p
US-10-108-260A-4958
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5243 CAGTCATTCCAGCATTTGC 5263
Db 21 CTGTCATTACCTGATTTGC 1
RESULT 2136
US-10-349-143-6532/c
; Sequence 6532, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6532
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-12130 for SEQ 2598,
US-10-349-143-6532
```

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 6177 GAAAAAGAGTGTAGAAAGAG 6197
DB 21 GAATTAAGAGGATGAGAAAGAG 1

RESULT 2137

US-10-349-143-8263/c
Sequence 8263, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8263
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-14652 for SEQ 398, in compleme

US-10-349-143-8263
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4138 GAACGTGTACCTGATTGTT 4158
DB 21 GAACGTGTGACAAAGATGTGTT 1

RESULT 2138
US-10-349-143-10094
Sequence 10094, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10094

LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-9446 for SEQ 2229, in compleme

US-10-349-143-10094
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3280 GAAGAAAATGAACCAAGACC 3300
DB 1 GAAGAAAACAGAAACCAATCC 21

RESULT 2139

US-10-349-143-10129
Sequence 10129, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10129
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-10028 for SEQ 2264, in compleme

US-10-349-143-10129
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 6237 CTGCTTTGATGTTATCC 6257
DB 1 CTGCTTTGATGTTGCTCC 21

RESULT 2140
US-10-349-143-10387
Sequence 10387, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

```

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10387
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11566 for SEQ 2522, in compleme
US-10-349-143-10387

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2388 TGGTACATCCGCTGGGAC 2408
DB 1 TGGTACATACCTGCGAC 21

RESULT 2141
US-10-349-143-11222/c
; Sequence 11222, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Blatelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11222
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3478 for SEQ 3357, in compleme
US-10-349-143-11222

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3851 CTCCTTTCTCCTTATTCCTC 3871
DB 21 CTCGATGCTCCTATTTCTC 1

RESULT 2142
US-10-115-479-130/c
; Sequence 130, Application US/10115479
; Publication No. US20040006205A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.

; APPLICANT: Spylek, Kimberly A.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Zhong, Haihong
; APPLICANT: Smithson, Glenda
; APPLICANT: Casman, Stacie J.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Voss, Edward
; APPLICANT: Vernet, Corine
; APPLICANT: MacDougall, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Mezes, Peter S.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Patursajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Malvanek, Uriel M.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Mazur, Ann
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-322 B (Cura 622 PT)
; CURRENT APPLICATION NUMBER: US/10/115,479
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,657
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,678
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,687
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-479-130

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2859 AGAGAGCAGAGAGAGAGGA 2879
DB 21 AAAGACAGCAAGAGAGAGTGA 1

RESULT 2143
US-10-380-584-123
; Sequence 123, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Utermohlen, Joseph
; APPLICANT: Connaughton, John
```

```

; TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Probes
; TITLE OF INVENTION: Proteins for In Situ Analysis
; FILE REFERENCE: 355/001/PCT
; CURRENT APPLICATION NUMBER: US/10/380,584
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/233,177
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 123
;
; LENGTH: 21
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: oligonucleotide probe
;
; US-10-380-584-123

```

Query Match	0.2%	Score 14.6	DB 1	length 21
Best Local Similarity	81.0%	Pred. No. 1.5e+03		
Matches 17, Conservative	0	Mismatches 4	Indels 0	Gaps 0

QY 4463 CTTTTTTTTTTTTTTTTTTT 4483
1 CTTTTTTCTATTTTTTCTTTT 21
Db

```

RESULT 2144
US-10-294-228-57
Sequence 57, Application US/10294228
Publication No. US20040018176A1
GENERAL INFORMATION:
APPLICANT: Tolentino, Michael J.
TITLE OF INVENTION: Compositions and Methods for siRNA
TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: 43846-1
CURRENT APPLICATION NUMBER: US/10/294,228
PRIORITY FILING DATE: 2002-11-14
PRIOR APPLICATION NUMBER: US 60/398,417
PRIORITY FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 57
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Targeting Sequence
US-10-294-228-57

```

Query Match	0.23	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Pred. No. 1.5e+03		
Matches 17; Conservative	0	Mismatches 4	Indels 0	Gaps 0

```

QY      5412 AAGAAATAAAAAGCAAGAGAA 5432
          ||||| | | ||||| |
Db      1 AAGAAAGATAGAGCAAGACAA 21

```

```

RESULT 2145
US-10-258-828-6
/ Sequence 6, Application US/10258828
/ Publication No. US20040023232A1
/ GENERAL INFORMATION:
/ APPLICANT: PARK, Jong Wook
/ APPLICANT: 1CGG Co., Ltd.
/ TITLE OF INVENTION: Development of Multi-MAGE or -GAGE Isotypes Recognizing Primer
/ TITLE OF INVENTION: for Cancer Detection
/ FILE REFERENCE: 01PP021
/ CURRENT APPLICATION NUMBER: US/10/258,828
/ CURRENT FILING DATE: 2002-10-25
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: Kopacrentin 1.71

```

```

? SEQ ID NO 6
? LENGTH: 21
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: primer targeting MAGE 1-6; antiense primer type
? IS-10-258-828-6

```

Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

Qy		5803	CCTGCCCTGTCTGCCTATGTGA	58223
Db		1	CCAGCATTTCTGCGTTTGTGA	21

```

RESULT 2146
US-10-646-391A-3
; Sequence 3, Application US/10646391A
; Publication No. US20040082534A1
; GENERAL INFORMATION:
; APPLICANT: Gleeve, Martin
; APPLICANT: Jansen, Burkhard
; TITLE OF INVENTION: Treatment of Melanoma by Reduction in Clusterin Levels
; FILE REFERENCE: USC P-035
; CURRENT APPLICATION NUMBER: US/10/646,391A
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: US 60/405,193
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 60/319,748
; PRIOR FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 60/408,152
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: US 60/473,387
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: human
US-10-646-391A-3

```

Query Match	0.2%;	Score 14.6;	DB 1;	Length 21;
Best Local Similarly	81.0%;	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

QY 674 TGGAGTCTGTGCAAGCCCTGG 694
 |||||
Db 1 TGGAGTCTTTGCACGCCCTCGG 21

```

RESULT 2147
US-10-648-593-315/C
; Sequence 315, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OR INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

```


US-10-648-593-315

Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

Qy	5695	CTGTTTGCCTTCCCTTTTCCCT	5715
Db	21	CTGGCTTGTCTTCCCTTCTCCT	1

RESULT 2148

```

US-10-315-218-7/c
Sequence 7, Application US/10315218
Publication No. US20040110696A1
GENERAL INFORMATION:
APPLICANT: Shemesh, Mordechai
TITLE OF INVENTION: OLIGONUCLEOTIDES AND METHODS USING SAME FOR TREATING COX-II ASSOC
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 24852
CURRENT APPLICATION NUMBER: US/10/315,218
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Single strand RNA oligonucleotide, used as a part of double strand
OTHER INFORMATION: ded interfering RNA
US-10-315-218-7

```

Query Match	0.2%	Score 14.6;	DB 1;	length 21;
Best Local Similarity	81.0%;	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

```
QY      902 AGTTCATGTGTGAGGTGCTGG 922
          |||||
Db      21 AATTGATCGGTGAAGTGTGG 1
```

```

RESULT 2149
US-10-605-498-72/C
Sequence 72, Application US/10605498
Publication No. US20040127441A1
GENERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Sigafoos, Maxim
TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
TITLE OF INVENTION: Cancers
FILE REFERENCE: UBC, P-031
CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.2
SEQ ID NO 72
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-498-72

```

Query Match	0.2%	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Pred. NO. 1.5e+03		
Matches 17	Conservative	4	Indels	0
Gaps				0
Qy	6456	TTTGATACCTTTTTTCG	6476	

6456 TTGGATACTTTTCTG 6476

Db 21 TTTTGATACATTATCTTCTG 1

RESULT 2150
US-10-333-449A-15/C
; Sequence 15, Application US/10333449A
; Publication No. US20040137424A1
; GENERAL INFORMATION:

```

1  APPLICANT: Tan, Yin Hwee
2  APPLICANT: Lim, Siew Pheng
3  APPLICANT: Lim, Seng Gee
4  APPLICANT: Hong, Wan Jih
5  TITLE OF INVENTION: NUCLEIC ACIDS AND METHODS FOR DETECTING VIRAL INFECTION,
6  TITLE OF INVENTION: UNCOVERING ANTI-VIRAL DRUG CANDIDATES AND DETERMINING DRUG
7  TITLE OF INVENTION: RESISTANCE OF VIRAL ISOLATES
8  FILE REFERENCE: 01/22137
9  CURRENT APPLICATION NUMBER: US/10/333,449A
10 CURRENT FILING DATE: 2003-01-21
11 NUMBER OF SEQ ID NOS: 34
12 SOFTWARE: PatentIn version 3.1
13 SEQ ID NO 15
14 LENGTH: 21
15 TYPE: DNA
16 ORGANISM: Artificial sequence
17 FEATURE:
18 OTHER INFORMATION: Single strand DNA oligonucleotide
19 US-10-333-449A-15

```

Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. NO. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

```
Qy      3094 TGACTCACAGTGCTAAGACT 3114
          || ||||| ||||| ||
Db      21  TGTCTCACACGGCTAAGCCT 1
```

```

RESULT: 2151
US-10-425-006B-12
/ Sequence 12, Application US/10425006B
/ Publication No. US20040180438A1
/ GENERAL INFORMATION:
/ APPLICANT: Pachuk, Catherine J.
/ TITLE OF INVENTION: Methods and Compositions For Silencing
/ TITLE OF INVENTION: Genes Without Inducing Toxicity
/ FILE REFERENCE: 50238/010002
/ CURRENT APPLICATION NUMBER: US/10/425,006B
/ CURRENT FILING DATE: 2003-04-28
/ PRIOR FILING DATE: 2002-04-26
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 12
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)...(2)
/ OTHER INFORMATION: bases from 1 to 2 are DNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (3)...(21)
/ OTHER INFORMATION: bases from 3 to 21 are RNA
US-10-425-006B-12

```

Query Match	0.28	Score 14.6	DB 1	Length 21
Best Local Similarity	66.7%	Pred. No. 1.5e+03		
Matches 14	Conservative 3	Mismatches 4	Indels 0	Gaps 0
Qy	3448	TTACTTCTCCTCCCTGACAGA	3468	

3448 TTA^{CTTCTCCTCCCTGACAGA} 3468

Db 1 TTACGUTUCCGCCCUUACAGA 21

RESULT 2152
US-10-699-557-195
Sequence 195, Application US/10699557
Publication No. US20040180357A1
GENERAL INFORMATION:
APPLICANT: Samuel Joachim Reich
APPLICANT: Enrico Maria Surace
APPLICANT: Michael J. Tolentino
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA
TITLE OF INVENTION: INHIBITION OF HIF-1 ALPHA
FILE REFERENCE: 43826-0002U51
CURRENT APPLICATION NUMBER: US/10/699,557
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 60/423,262
PRIOR FILING DATE: 2002-11-01
NUMBER OF SEQ ID NOS: 299
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 195
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: target sequence
US-10-699-557-195

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5906 AACCTGTTCCTCCAGCCGACA 5926
Db 1 AAGCAGTCCGACGACCTGA 21

RESULT 2153
US-09-784-423-95/C
Sequence 95, Application US/09784423
Patent No. US20020012924A1
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
APPLICANT: Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESS: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026,9180
TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 95
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 95
US-09-784-423-95

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2861 AGAAGCAGAGAGAGGAGG 2881
Db 22 AGAAGCAGAGAGTGCAGG 2

RESULT 2154
US-09-809-342A-6
Sequence 6, Application US/09809342A
Patent No. US20020037567A1
GENERAL INFORMATION:
APPLICANT: Kivirikko, Kari
APPLICANT: Myllyharju, Johana
APPLICANT: Kukkola, Liisa
APPLICANT: Hieta, Reija
TITLE OF INVENTION: ALPHA(III) SUBUNIT OF PROLYL 4-HYDROXYLASE
FILE REFERENCE: 3930-0222
CURRENT APPLICATION NUMBER: US/09/809,342A
CURRENT FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: 60/189,373
PRIOR FILING DATE: 2000-03-15
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-809-342A-6

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 6437 TTAGCTAAGCAGAGCTTTT 6457
Db 2 TTAGGAATGCAGCAGCTGTTT 22

RESULT 2155
US-09-789-697A-9
Sequence 9, Application US/09789697A
Patent No. US20020064521A1
GENERAL INFORMATION:
APPLICANT: Ellenborn, Joshua D.I.
APPLICANT: Diamond, Don J.
TITLE OF INVENTION: p53-Specific T Cell Receptor for Adoptive Immunotherapy
FILE REFERENCE: 1954-279-II
CURRENT APPLICATION NUMBER: US/09/789,697A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/183,752
PRIOR FILING DATE: 2000-02-22
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9
LENGTH: 22
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-789-697A-9

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4196 CCCAAGATGGGCTCCAGGCTC 4216
DB 2 CTCTAGATGGGCTCCAGACTC 22

RESULT 2156
US-09-068-817-5
Sequence 5, Application US/09068817
Patent No. US20020081733A1
GENERAL INFORMATION:
APPLICANT: Verfaillie, C.M.
APPLICANT: Mcivor, R.S.

TITLE OF INVENTION: Method to prepare drug-resistant, non-malignant hematopoietic cell
FILE REFERENCE: 600.347US2
CURRENT APPLICATION NUMBER: US/09/068,817
PRIOR FILING DATE: 1998-05-14
PRIOR APPLICATION NUMBER: PCT/US96/18273
PRIOR FILING DATE: 1996-11-13
PRIOR APPLICATION NUMBER: US 60/006,692
PRIOR FILING DATE: 1995-11-14
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 5
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-068-817-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCTGACGTAC 2559
DB 2 GAGCTGCAGATCTGACCAAC 22

RESULT 2157
US-09-969-373-3366
Sequence 3366, Application US/09969373
Patent No. US2002013852A1
GENERAL INFORMATION:
APPLICANT: Hauge, Brian M.
APPLICANT: Efferetz, Roger J.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
PRIOR FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3366
LENGTH: 22
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3366

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4294 AAGTCATCTTTCTTCCTCC 4314
DB 1 AAGTCATCATTTAATTCTC 21

RESULT 2158
US-09-995-912-3
Sequence 3, Application US/09995912
Patent No. US20020137076A1
GENERAL INFORMATION:
APPLICANT: Shultz, John W.
APPLICANT: Lewis, Martin K.
APPLICANT: Andrews, Christine
TITLE OF INVENTION: RNA Polymers and Uses Thereof
FILE REFERENCE: PRMG-06684
CURRENT APPLICATION NUMBER: US/09/995,912
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/253,451
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-995-912-3

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCTGACGTAC 2559
DB 2 GAGCTGCAGATCTGACCAAC 22

RESULT 2159
US-09-454-495-7
Sequence 7, Application US/09454495
Patent No. US20020147161A1
GENERAL INFORMATION:
APPLICANT: Reddy, Gurucharan
APPLICANT: Zeng, Hong
APPLICANT: Vallerga, Anne
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
FILE REFERENCE: A-67649-1/RMS/DAV/JUD
CURRENT APPLICATION NUMBER: US/09/454,495
PRIOR FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: 60/119,578
PRIOR FILING DATE: 1999-02-10
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3477 CCTAGTATATACTTAAGGCAC 3497
DB 1 CCCAAGTCATCTCTAAGGCAC 21

```
RESULT 2160
US-09-780-668A-31
; Sequence 31, Application US/09780668A
; Patent No. US2002014731A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Burger, Christa
; APPLICANT: Lo, Kin-Wing
; TITLE OF INVENTION: Enhancing the Circulating Half-Life of Antibody-Based Fusion
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: LEX-011
; CURRENT APPLICATION NUMBER: US/09/780,668A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,768
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' oligonucleotide with a Pro to Leu substitution
US-09-780-668A-31

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6998 GCGAAGGAGAGATTCTCTCT 7018
Db      2 GCGACAGGAGAGGCTCTTCT 22

RESULT 2161
US-09-263-959-1074/c
; Sequence 1074, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMAsters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1074:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
; TOPOLOGY: linear
US-09-263-959-1074

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5327 TCTCTCTTGGCTGACGCTCT 5347
Db      22 TCTATCTTGTCTCCTCTCT 2

RESULT 2162
US-09-739-909-23
; Sequence 23, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP OF PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: amplification
; OTHER INFORMATION: primer
US-09-739-909-23

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2539 GAGCTCAGATCCTGACGCTAC 2559
Db      2 GAGCTCAGATGCTGACCAAC 22

RESULT 2163
US-09-766-450-24
; Sequence 24, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 654685.r1
US-09-766-450-24
```

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7278 CAGCTGTACTGTTTGAT 7298
Db 1 CAGCTGTACTGTTTGCTT 21

RESULT 2164
US-09-995-898A-47
; Sequence 47, Application US/0995898A
; Publication No. US20030027253A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenteng
; APPLICANT: No. US20030027253A1a, Julia E.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Grant, Francis J.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
; FILE REFERENCE: 00-108
; CURRENT APPLICATION NUMBER: US/09/995,898A
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,561
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/267,211
; PRIOR FILING DATE: 2001-02-07
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC38481
US-09-995-898A-47

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3677 CCTCCAGCAGAACGACCT 3697
Db 1 CCTCCTCCAGAACGACCT 21

RESULT 2165
US-09-938-689-41/C
; Sequence 41, Application US/09938689
; Publication No. US20030028911A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Manley
; APPLICANT: Harding, Fiona
; TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF
; FILE REFERENCE: 9342-028
; CURRENT APPLICATION NUMBER: US/09/938,689
; CURRENT FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 09/651,361
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/151,688
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-938-689-41

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4803 CTGCCCTGTATGACCGGAT 4823
Db 22 CTGCCCTGTATGACCTGGCT 2

RESULT 2166
US-09-232-785-170
; Sequence 170, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Eche, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18051
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 170
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-170

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7282 TGTGTACTGTTGATTTGT 7302
Db 1 TGTGTACTGATGATGTGT 21

RESULT 2167
US-09-770-107-68
; Sequence 68, Application US/09770107
; Publication No. US2003005435A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; FILE REFERENCE: 3332/0H401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-68

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1117 GTGAGTGCACAGTGACAG 1137
Db 1 GTGTAGTCTCAGTAGACAG 21

```
RESULT 2168
US-09-927-121B-47/c
; Sequence 47, Application US/09927121B
; Publication No. US20030082178A1
; GENERAL INFORMATION:
; APPLICANT: GOLD, DANIEL P.
; APPLICANT: SHOPEL, ROBERT J.
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR ALTERING A B CELL MEDIATED
; FILE REFERENCE: 032077.0003
; CURRENT APPLICATION NUMBER: US/09/927,121B
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-927-121B-47
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      2824 CTTTCAAGCCCGAGAGCTG 2844
Db      22 CATTGACAGCCCGAGAGCTG 2
```

```
RESULT 2169
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouroun, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      5328 CTCTCTTGCTCCTCACTCTCTC 5348
Db      1 CTCTCTCTCTCTCTCTCTCTC 21
```

```
RESULT 2170
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouroun, Yves
```

```
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      5328 CTCTCTTGCTCCTCACTCTCTC 5348
Db      1 CTCTCTCTCTCTCTCTCTCTC 21
```

```
RESULT 2171
US-09-923-327-145/c
; Sequence 145, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses The
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-145
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      7307 CTTTGAGATTGTGTGTGTGT 7327
Db      22 CTTTGAGATTGTGTGTGTGTGT 2
```

```
RESULT 2172
US-10-380-533-66/c
; Sequence 66, Application US/10380533
; Publication No. US20040072186A1
; GENERAL INFORMATION:
; APPLICANT: University College Cardiff Consultants Ltd
; TITLE OF INVENTION: Transglutaminase Gene Products
; FILE REFERENCE: P504074PCT
```

```

; CURRENT APPLICATION NUMBER: US/10/380,533
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: GB0111995.7
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: GB0022768.6
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 144
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 66
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-380-533-66

Query Match
Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3853 CCTTTCCTTCTTCTCTCT 3873
Db 22 CCAATTCCCTTACTCTCTCT 2

RESULT 2173
US-10-114-270-297/c
; Sequence 297, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patlurajan, Meera
; APPLICANT: Liu, Zhaozhong
; APPLICANT: Gusev, Vladimyr Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Gangoli, Beha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liette, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: Macdougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
```

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; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 297
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-297

Query Match
Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5698 TTTGCTTCTTCTTCTCTT 5718
Db 22 TTGCTTCTTCTTCTTCTT 2

RESULT 2174
US-10-210-281-184/c
; Sequence 184, Application US/10210281
; Publication No. US20040030096A1
; GENERAL INFORMATION:
; APPLICANT: Gorman, Linda
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Zhong, Wei
; APPLICANT: Patlurajan, Meera
; APPLICANT: Miller, Charles E.
; APPLICANT: Ji, Weizhen
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Sciore, Paul
; APPLICANT: Stone, David J.
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Casman, Stacie
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc L.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
; FILE REFERENCE: 21402-416D
; CURRENT APPLICATION NUMBER: US/10/210,281
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/361,775
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/361,832
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,203
; PRIOR FILING DATE: 2001-08-14
```

PRIOR APPLICATION NUMBER: 60/313,201
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,702
PRIOR FILING DATE: 2001-08-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 191
SOFTWARE: CuroSeqList version 0.1
SEQ ID NO 184
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-281-184

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 5030 AGCAGCTCACTGAGAGCCT 5050
Db 22 AGACAGCTTACTGAGAGCCT 2

RESULT 2175
US-10-403-676-155
Sequence 155, Application US/10403676
Publication No. US20040029150A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Casman, Stacie J.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Gerlach, Valerie L.
APPLICANT: Grose, William M.
APPLICANT: Guo, Xiaojia
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Ji, Weizhen
APPLICANT: Lakocheille, William J.
APPLICANT: Lepley, Denise W.
APPLICANT: Liu, Xiaohong
APPLICANT: MacDougall, John R.
APPLICANT: Malyskar, Uriel M.
APPLICANT: Miller, Isabelle
APPLICANT: Padigara, Muralidhara
APPLICANT: Paturajan, Meera
APPLICANT: Peyman, John A.
APPLICANT: Raetelli, Luca
APPLICANT: Reiger, Daniel
APPLICANT: Rothenberg, Mark E.
APPLICANT: Shimkets, Richard A.
APPLICANT: Stone, David J.
APPLICANT: Taupier, Raymond J.
APPLICANT: Vernet, Corine
APPLICANT: Zerkusen, Bryan D.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-573B
CURRENT FILING DATE: 2003-03-31
PRIOR APPLICATION NUMBER: 60/123,667
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 09/520,781
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 09/957,187
PRIOR FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/371,002
PRIOR FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 09/538,092

PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 09/604,286
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 60/140,584
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/370,381
PRIOR FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 60/384,297
PRIOR FILING DATE: 2002-05-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 179
SOFTWARE: CuroSeqList version 0.1
SEQ ID NO 155
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-676-155

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4299 CATCTTTTCCTTCCCTGGA 4319
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2176
US-10-420-034A-47
Sequence 47, Application US/10420034A
Publication No. US20040029228A1
GENERAL INFORMATION:
APPLICANT: Preenell, Scott R.
APPLICANT: Xu, Wenteng
APPLICANT: No. US20040029228A1ak, Julia E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Grant, Francis J.
APPLICANT: Kindvogel, Wayne R.
APPLICANT: Klucher, Kevin M.
TITLE OF INVENTION: CYTOKINE RECEPTOR
FILE REFERENCE: 02-10
CURRENT FILING DATE: 2003-04-18
PRIOR APPLICATION NUMBER: US/10/420,034A
PRIOR FILING DATE: 2002-04-19
NUMBER OF SEQ ID NOS: 69
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 47
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC38481
US-10-420-034A-47

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3677 CCTCCAGCAGAAAGCAGCT 3697
Db 1 CCTCTTCCAGAAATGCCACT 21

RESULT 2177
US-10-072-012-1065/c
Sequence 1065, Application US/10072012
Publication No. US20040033493A1
GENERAL INFORMATION:
APPLICANT: Tchiernev, Velizar
APPLICANT: Spytek, Kimberly


```

; APPLICANT: Zernhusen, Bryan
; APPLICANT: Paturajan, Meera
; APPLICANT: Shmkeets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangoli, Bsha
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Coleman, Steven D.
; APPLICANT: Molenc, Adam R.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grose, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 1065
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag2964 Reverse
US-10-072-012-1065

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred.No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3449 TACTTCTCTCCCTGACAGAC 3469
Db      22 TCAACTTCTCTCCCTCAGAC 2

RESULT 2178
US-10-092-900A-718
; Sequence 718, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
```

```

; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zernhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Paturajan, Meera
; APPLICANT: Gangoli, Bsha A.
; APPLICANT: Verneet, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; PRIOR FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 718
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-092-900A-718

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred.No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6344 AACATAAGCCGAGAGAGCTA 6364
Db      2 AAGGTAAAGGCCAAGAGTA 22

RESULT 2179
US-09-874-991C-616
```

```
; Sequence 616, Application US/09874991C
; Publication No. US20040052763A1
; GENERAL INFORMATION:
; APPLICANT: MOND, JAMES J.
; APPLICANT: FLORA, MICHAEL
; APPLICANT: KLINMAN, DENNIS M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
; FILE REFERENCE: 07787.0042-0
; CURRENT APPLICATION NUMBER: US/09/874,991C
; CURRENT FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/209,797
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 620
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 616
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
US-09-874-991C-616

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTTCTTTTCTTTTCTTTTCTTTT 4483
Db      2      CGTTGTCCTCTTTTCTTTT 22

RESULT 2180
US-10-335-977-9996
; Sequence 9996, Application US/10335977
; Publication No. US20040052799A1
; GENERAL INFORMATION:
; APPLICANT: DOUGLAS SMITH et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
; RELATING TO HELICOBACTER PYLORI FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 10031
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: UNIX
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/335,977
; FILING DATE: 30-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/993,002
; FILING DATE: 17-Dec-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: GTN-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 9996:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
```

```
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Helicobacter pylori
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...22
; SEQUENCE DESCRIPTION: SEQ ID NO: 9996:
US-10-335-977-9996

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7101 CAATPAGGAAATGAATTA 7121
Db      1 CAAGCATTAATAATGAATTA 21

RESULT 2181
US-09-771-355-6
; Sequence 6, Application US/09771355
; Publication No. US20020086840A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: USE OF RAD51 INHIBITORS FOR p53 GENE THERAPY
; FILE REFERENCE: A-68872-1/RTT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/771,355
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: oligonucleotide
US-09-771-355-6

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3477 CCTAGTAATACCTTAAGGCAC 3497
Db      1 CCCAAGTCATTCCTTAAGGCAC 21

RESULT 2182
US-09-861-925-44/C
; Sequence 44, Application US/09861925
; Publication No. US20030064426A1
; GENERAL INFORMATION:
; APPLICANT: Robinson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; FILE REFERENCE: 99,216-P
; CURRENT APPLICATION NUMBER: US/09/861,925
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense primer for Mn-SOD promoter
```

US-09-861-925-44

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCA 7435

DB 22 GTCACACGACACTACACACA 2

RESULT 2183

US-09-754-106-64/c

; Sequence 64, Application US/09754106

; Publication No. US20030224355A1

; GENERAL INFORMATION:

; APPLICANT: Bell, Graeme I.

; APPLICANT: Yamagata, Kazuya

; APPLICANT: Oda, Naohisa

; APPLICANT: Katsaki, Pamela J.

; APPLICANT: Furuta, Hiroto

; APPLICANT: Horikawa, Yukio

; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY

; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA

; TITLE OF INVENTION: AND HNF-4ALPHA

; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/754,106

; FILING DATE:

; CLASSIFICATION:

; APPLICATION NUMBER: 08/927,219

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/028,056

; FILING DATE: 02-OCT-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/025,719

; FILING DATE: 10-SEP-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilson, Mark B.

; REGISTRATION NUMBER: 37,259

; TELECOMMUNICATION INFORMATION: ARCD:272

; TELEPHONE: 512/418-3000

; TELEFAX: 512/474-7577

; INFORMATION FOR SEQ ID NO: 64:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-754-106-64

DB 21 CAGGATGAGTAGGGGTG 1

RESULT 2184

US-10-314-578-908

; Sequence 908, Application US/10314578

; Publication No. US20030212026A1

; GENERAL INFORMATION:

; APPLICANT: Krieg, Arthur M.

; APPLICANT: Schetter, Christian

; APPLICANT: Vollmer, Jorg

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids

; FILE REFERENCE: C1039/7035 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/10/314,578

; CURRENT FILING DATE: 2002-12-09

; PRIOR APPLICATION NUMBER: US 60/156,113

; PRIOR FILING DATE: 1999-09-25

; PRIOR APPLICATION NUMBER: US 60/156,135

; PRIOR FILING DATE: 1999-09-27

; PRIOR APPLICATION NUMBER: US 60/227,436

; PRIOR FILING DATE: 2000-08-23

; NUMBER OF SEQ ID NOS: 1145

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 908

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Sequence

US-10-314-578-908

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTGCCCTCACTCTC 5348

DB 1 CTCCTCTCTCTCTCTCTC 21

RESULT 2185

US-10-351-951-97

; Sequence 97, Application US/10351951

; Publication No. US20030203380A1

; GENERAL INFORMATION:

; APPLICANT: Stefanson, Stefan E.

; TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS

; FILE REFERENCE: 2345, 2043-004

; CURRENT APPLICATION NUMBER: US/10/351,951

; CURRENT FILING DATE: 2003-01-24

; PRIOR APPLICATION NUMBER: 10/057,312

; PRIOR FILING DATE: 2002-01-25

; PRIOR APPLICATION NUMBER: 60/431,538

; PRIOR FILING DATE: 2002-12-05

; NUMBER OF SEQ ID NOS: 132

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 97

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer that hybridizes to the human MATN3 gene

US-10-351-951-97

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5693 CACTGTTTGCCCTTCCTTTC 5713

DB 1 CACTGTTTTCACACTTTC 21

```
RESULT 2186
US-10-428-275-447
; Sequence 447, Application US/10428275
; Publication No. US20040067505A1
; GENERAL INFORMATION:
; APPLICANT: Alvarez et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-585
; CURRENT APPLICATION NUMBER: US/10/428, 275
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 09/966545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/569269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/619252
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185548
; PRIOR FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 450
; SOFTWARE: CirusSeqList version 0.1
; SEQ ID NO 447
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-428-275-447

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3948 TCAGTCTCTTATGTTTCAAT 3968
Db      2 TCATGTCCTCTTGTTCAT 22

RESULT 2187
US-10-432-008-19
; Sequence 19, Application US/10432008
; Publication No. US20040068764A1
; GENERAL INFORMATION:
; APPLICANT: Paul Wang Gay CHU
; APPLICANT: Ronald George GARRETT
; APPLICANT: Sten Roger KALLA
; APPLICANT: German Carlos SPANGENBERG
; APPLICANT: Philip John LARKIN
; APPLICANT: Thomas Joseph HIGGINS
; TITLE OF INVENTION: METHOD OF ENHANCING VIRUS-RESISTANCE IN PLANTS AND PRODUCING VIRU
; TITLE OR INVENTION: PLANTS
; FILE REFERENCE: 0626/69458
; CURRENT APPLICATION NUMBER: US/10/432, 008
; CURRENT FILING DATE: 2003-05-16
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-432-008-19

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2238 CCAGATACCTCATATGAGCT 2258
Db      1 CCAGATCTTCATCATGAGTT 21

RESULT 2188
US-10-028-415-38
; Sequence 38, Application US/10028415
; Publication No. US20020151063A1
; GENERAL INFORMATION:
; APPLICANT: Laaham, Annette
; APPLICANT: Matson, James D.
; TITLE OF INVENTION: Methods for Modulating Apoptotic Cell
; TITLE OR INVENTION: Death
; FILE REFERENCE: 11000.1004c3
; CURRENT APPLICATION NUMBER: US/10/028, 415
; CURRENT FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: PCT/NZ01/00286
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 09/724, 809
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/036, 004
; PRIOR FILING DATE: 1998-03-04
; PRIOR APPLICATION NUMBER: US 08/713, 557
; PRIOR FILING DATE: 1996-08-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-028-415-38

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2701 GGGCAGCGCAATGGCGGAGC 2721
Db      2 GGGCAGCGCAATGATGTGGCC 22

RESULT 2189
US-10-003-152-36
; Sequence 36, Application US/10003152
; Publication No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Weijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cirs-54 CON-512
; CURRENT APPLICATION NUMBER: US/10/003, 152
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604, 286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140, 584
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-003-152-36
```

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319
|||||
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2190

US-10-002-050-36
Sequence 36, Application US/10002050
Publication No. US20030032095A1

GENERAL INFORMATION:
APPLICANT: Shimkets, Richard
APPLICANT: Fernandes, Elma
APPLICANT: Vernet, Corine
APPLICANT: Yang, Meijia
APPLICANT: Boldog, Ferenc
APPLICANT: Hermann, John
TITLE OF INVENTION: No. US20030032095A1 Nucleic Acid Sequences Encoding Human Semap
FILE REFERENCE: 15966-554 Cura-54 CON-814
CURRENT FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: 09/604,286
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 60/140,584
PRIOR FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 36
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-002-050-36

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319
|||||
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2191

US-10-002-304-36
Sequence 36, Application US/10002304
Publication No. US20030036185A1

GENERAL INFORMATION:
APPLICANT: Shimkets, Richard
APPLICANT: Fernandes, Elma
APPLICANT: Vernet, Corine
APPLICANT: Yang, Meijia
APPLICANT: Boldog, Ferenc
APPLICANT: Hermann, John
TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby
FILE REFERENCE: 15966-554 Cura-54 CON-88
CURRENT FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: 09/604,286
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 60/140,584
PRIOR FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 36
LENGTH: 22
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:chemically
OTHER INFORMATION: Synthesized
US-10-002-304-36

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319
|||||
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2192

US-10-112-653-877
Sequence 877, Application US/10112653
Publication No. US20030050268A1

GENERAL INFORMATION:
APPLICANT: Kries, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
FILE REFERENCE: C01039/700601A(MS)
CURRENT FILING DATE: 2002-03-29
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 877
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-877

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTTGCTCACTCTCTC 5348
|||||
Db 1 CTCCTCTCTCTCTCTCTC 21

RESULT 2193

US-10-017-995-908
Sequence 908, Application US/10017995
Publication No. US20030055014A1

GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT FILING DATE: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-908

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTTGGCTCACTCTC 5348
| | | | | | | | | |
Db 1 CTCCTCTCTCTCTCTCTC 21

RESULT 2194

US-10-152-297-108
; Sequence 108, Application US/10152297
; Publication No. US2003007621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Liepke, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: amplification
; OTHER INFORMATION: primer
US-10-152-297-108

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCGAGTCTGACGTAC 2559
| | | | | | | | | |
Db 2 GAGCTCGAGTCTGACCAAC 22

RESULT 2195

US-10-068-238-7
; Sequence 7, Application US/10068238
; Publication No. US20030082563A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Constance A.
; APPLICANT: Uhl, James
; APPLICANT: Cockerill, Franklin
; TITLE OF INVENTION: Detection of Bacillus Anthracis
; FILE REFERENCE: 07039-372001
; CURRENT APPLICATION NUMBER: US/10/068,238
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/329,826
; PRIOR FILING DATE: 2001-10-15
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 22

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-068-238-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5546 GTGCATCGAGTACGAGTGC 5566
| | | | | | | | | |
Db 2 GTACATCGAATGACGAGTGC 22

RESULT 2196
US-10-202-107-7
; Sequence 7, Application US/10202107
; Publication No. US20030096323A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: James, Larry C.
; APPLICANT: Lebel, Lorraine A.
; APPLICANT: Menniti, Frank S.
; APPLICANT: Strick, Christine A.
; TITLE OF INVENTION: PDE10 CELL-BASED ASSAY AND SEQUENCES
; FILE REFERENCE: PC2311IANIS
; CURRENT APPLICATION NUMBER: US/10/202,107
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US 60/308,978
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus sp.
US-10-202-107-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4915 GAAAGCATCAGAGCTGTGAG 4935
| | | | | | | | | |
Db 1 GTAGCATCAGAGATGTTGAG 21

RESULT 2197
US-10-202-107-7/C
; Sequence 7, Application US/10202107
; Publication No. US20030096323A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: James, Larry C.
; APPLICANT: Lebel, Lorraine A.
; APPLICANT: Menniti, Frank S.
; APPLICANT: Strick, Christine A.
; TITLE OF INVENTION: PDE10 CELL-BASED ASSAY AND SEQUENCES
; FILE REFERENCE: PC2311IANIS
; CURRENT APPLICATION NUMBER: US/10/202,107
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US 60/308,978
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus sp.
US-10-202-107-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2260 CTGGCATTCTGATGCTTGC 2280
DB 21 CTGACATTCCTGATGCTTAC 1

RESULT 2198

US-10-207-791-6
; Sequence 6, Application US/10207791
; Publication No. US20030120428A1
; GENERAL INFORMATION:
; APPLICANT: Pharmadesign, Inc; Masaki Mori
; TITLE OF INVENTION: A prediction method of the effect of radiotherapy for cancer pati
; FILE REFERENCE: PDP-0016
; CURRENT APPLICATION NUMBER: US/10/207,791
; PRIOR FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-10-207-791-6

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3412 CCCTATTCTCTCTCTCCAC 3432.
DB 2 CACTATTCTCTCTCGTCTC 22

US-10-002-623-105/c

US-10-002-623-105/c
; Sequence 105, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; PRIOR FILING DATE: 2001-11-01
; CURRENT APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetac oligo
US-10-002-623-105

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6928 CTCTGCTGCTGTTGGGAT 6948
DB 22 CTCTGCTGCTCTTTAGGCTT 2

RESULT 2200
US-10-002-623-526/c

; Sequence 526, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 526
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-526

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6928 CTCTGCTGCTGTTGGGAT 6948
DB 22 CTCTGCTGCTCTTTAGGCTT 2

RESULT 2201
US-10-199-957A-144/c

US-10-199-957A-144/c
; Sequence 144, Application US/10199957A
; Publication No. US20030138440A1
; GENERAL INFORMATION:
; APPLICANT: PERLAN THERAPEUTICS
; APPLICANT: FANG, FANG
; APPLICANT: LUO, GUANG-XIANG
; APPLICANT: LORI, KOHSTADT ALLISON
; APPLICANT: CHARLES, CATHERINE HELEN
; TITLE OF INVENTION: MULTIMERIC PROTEINS AND METHODS OF MAKING AND USING SAME
; FILE REFERENCE: 014357-0290013
; CURRENT APPLICATION NUMBER: US/10/199,957A
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/306,746
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/335,425
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 144
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Oligonucleotide ATF alpha-IL
US-10-199-957A-144

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7010 TTTTCTCTTACAGAGGAAA 7030
DB 22 TTTTCTCTCTAAAGAGCTAA 2

RESULT 2202
US-10-270-839-75/c
; Sequence 75, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:

APPLICANT: Chao, Qimin
APPLICANT: Grasso, Luigi
APPLICANT: Saas, Philip M.
APPLICANT: Nicolaidis, Nicholas C.
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
FILE REFERENCE: AG000205 (MOR-0133)
CURRENT FILING DATE: 2002-10-11
PRIORITY APPLICATION NUMBER: US/10/270,839
PRIORITY FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
NAME/KEY: misc feature
LOCATION: (22)-(122)
OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839-75

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTCTTGGCTCACTCTCTC 5348
Db 21 CTCCTCTCTCTCTCTCTCTC 1

RESULT 2203
US-10-244-490-46
Sequence 46, Application US/10244490
Publication No. US20030152916A1
GENERAL INFORMATION:
APPLICANT: KACIAN, DANIEL L.
APPLICANT: FULTZ, TIMOTHY J.
APPLICANT: MCDONOUGH, SHERROL H.
TITLE OF INVENTION: DETECTION OF HIV
FILE REFERENCE: 218/130
CURRENT APPLICATION NUMBER: US/10/244,490
CURRENT FILING DATE: 2002-09-16
PRIORITY APPLICATION NUMBER: US/09/168,947
PRIORITY FILING DATE: 1998-10-08
PRIORITY APPLICATION NUMBER: 08/469,067
PRIORITY FILING DATE: 1995-06-06
PRIORITY APPLICATION NUMBER: 07/550,837
PRIORITY FILING DATE: 1990-07-10
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PastSeq for Windows Version 3.0
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized nucleic acid molecule
US-10-244-490-46

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCAGATCTGACGTAC 2559
Db 2 GAGCTGAGATCTGACCAAC 22

RESULT 2204
US-10-233-032A-44/C
Sequence 44, Application US/10233032A

Publication No. US20030157704A1
GENERAL INFORMATION:
APPLICANT: Poole, Jason
APPLICANT: Roninson, Igor
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
FILE REFERENCE: 01-1156-A
CURRENT APPLICATION NUMBER: US/10/233,032A
CURRENT FILING DATE: 2003-02-12
PRIORITY APPLICATION NUMBER: US 09/861,925
PRIORITY FILING DATE: 2002-05-21
PRIORITY APPLICATION NUMBER: US 60/265,840
PRIORITY FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.0
SEQ ID NO 44
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Antisense primer for Mn-SOD promoter
US-10-233-032A-44

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCA 7435
Db 22 GTAGCAGCAGCAGCAGCA 2

RESULT 2205
US-10-334-488-10/C
Sequence 10, Application US/10334488
Publication No. US20030180763A1
GENERAL INFORMATION:
APPLICANT: INNOGENETICS N.V.
TITLE OF INVENTION: Method for typing of HLA alleles.
FILE REFERENCE: PCT99/86-HLA
CURRENT APPLICATION NUMBER: US/10/334,488
CURRENT FILING DATE: 2002-12-30
PRIORITY APPLICATION NUMBER: US/09/673,809
PRIORITY FILING DATE: 2000-10-20
PRIORITY APPLICATION NUMBER: 98870088.6
PRIORITY FILING DATE: 1998-04-20
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-10-334-488-10

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAACTTCAGACGAGCTGCG 1631
Db 22 GAGTTTCAGATGACGCGCG 2

RESULT 2206
US-10-032-585-4852
Sequence 4852, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jjiang
APPLICANT: Charles, Boone


```
/ APPLICANT: Howard, Buseey
/ TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
/ FILE REFERENCE: 10182-005-999
/ CURRENT APPLICATION NUMBER: US/10/032,585
/ NUMBER OF SEQ ID NOS: 8000
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4852
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Candida albicans
US-10-032-585-4852

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5949 CCCTCAAGCTTATCTAGAGA 5969
Db 2 CCCTCAAGCTCATGCAAGAA 22

RESULT 2207
US-10-025-806-267/c
/ Sequence 267, Application US/10025806
/ Publication No. US20030198955A1
/ GENERAL INFORMATION:
/ APPLICANT: Li, Li
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Ballinger, Robert
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Coleman, Steven
/ APPLICANT: Spytek, Kimberly
/ APPLICANT: Casman, Stacie
/ APPLICANT: Edinger, Shlomit
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Sciore, Paul
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Peyman, John
/ APPLICANT: MacDougall, John
/ APPLICANT: Stone, David
/ APPLICANT: Vernet, Corine
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Gunther, Erik
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Tchernev, Velizar
/ APPLICANT: Anderson, David
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Malvankar, Uriel
/ APPLICANT: Zhong, Haihong
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Wolenc, Adam
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-224 AB
/ CURRENT APPLICATION NUMBER: US/10/025,806
/ CURRENT FILING DATE: 2001-12-19
/ PRIOR APPLICATION NUMBER: 60/256,635
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/259,743
/ PRIOR FILING DATE: 2001-01-04
/ PRIOR APPLICATION NUMBER: 60/299,327
/ PRIOR FILING DATE: 2001-06-19
/ PRIOR APPLICATION NUMBER: 60/261,498
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 60/263,689
/ PRIOR FILING DATE: 2001-01-24
/ PRIOR APPLICATION NUMBER: 60/276,464
/ PRIOR FILING DATE: 2001-02-08
/ PRIOR APPLICATION NUMBER: 60/271,021
/ PRIOR FILING DATE: 2001-02-22
/ PRIOR APPLICATION NUMBER: 60/275,946
/ PRIOR FILING DATE: 2001-03-14
/ PRIOR APPLICATION NUMBER: 60/278,150
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/ PRIOR FILING DATE: 2001-03-23
/ PRIOR APPLICATION NUMBER: 60/285,718
/ PRIOR FILING DATE: 2001-04-23
/ PRIOR APPLICATION NUMBER: 60/312,902
/ PRIOR FILING DATE: 2001-08-16
/ PRIOR APPLICATION NUMBER: 60/257,876
/ PRIOR FILING DATE: 2000-12-21
/ PRIOR APPLICATION NUMBER: 60/260,718
/ PRIOR FILING DATE: 2001-01-10
/ PRIOR APPLICATION NUMBER: 60/284,591
/ PRIOR FILING DATE: 2001-04-18
/ NUMBER OF SEQ ID NOS: 352
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 267
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Tagman PCR
US-10-025-806-267

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3921 CTCCTGGCTCTTCTCCCT 3941
Db 21 CTCCTGGCTCTTGTATCCCT 1

RESULT 2208
US-10-271-602B-66/c
/ Sequence 66, Application US/10271602B
/ Publication No. US20040002073A1
/ GENERAL INFORMATION:
/ APPLICANT: Alice Xiang Li
/ APPLICANT: Ghazala Hashmi
/ APPLICANT: Michael Seul
/ TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
/ FILE REFERENCE: EMBL-US
/ CURRENT APPLICATION NUMBER: US/10/271,602B
/ CURRENT FILING DATE: 2002-10-15
/ PRIOR APPLICATION NUMBER: 60/329,427
/ PRIOR FILING DATE: 2001-10-14
/ PRIOR APPLICATION NUMBER: 60/329,620
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 60/329,428
/ PRIOR FILING DATE: 2001-10-14
/ PRIOR APPLICATION NUMBER: 60/329,619
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 60/364,416
/ PRIOR FILING DATE: 2002-03-14
/ NUMBER OF SEQ ID NOS: 212
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 66
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer, derived from human sequence
US-10-271-602B-66

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGAAGTTCACAGACCGCTGC 1630
Db 21 AGAGCTTCACAGTCAGCGGC 1
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RESULT 2209
US-10-388-934-845/c
; Sequence 845, Application US/10388934
; Publication No. US20040005547A1
; GENERAL INFORMATION:
; APPLICANT: Boess, Franziska
; APPLICANT: Suter-Dick, Laura
; TITLE OF INVENTION: BIOMARKERS AND EXPRESSION PROFILES FOR TOXICOLOGY
; FILE REFERENCE: 21199
; CURRENT APPLICATION NUMBER: US/10/388,934
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 02005336.9
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 02015657.6
; PRIOR FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 862
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 845
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer for Amyloid-A4 Gene
US-10-388-934-845

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5395 CGTGGCTTATGCAATTCAGAG 5415
DB 21 CGTGGCTGAGAGATTCAGAG 1

RESULT 2210
US-10-115-479-112/c
; Sequence 112, Application US/10115479
; Publication No. US20040006205A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Zhong, Haihong
; APPLICANT: Smithson, Glendda
; APPLICANT: Casman, Stracie J.
; APPLICANT: Boldog, Ferenc L.;
; APPLICANT: Voss, Edward
; APPLICANT: Vernet, Corine
; APPLICANT: MacDougall, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Mezes, Peter S.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Paturajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Malyanker, Uriel M.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Mazur, Ann
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-322 B (Cura 622 PT)
; CURRENT APPLICATION NUMBER: US/10/115,479
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,657
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,678
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,687
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 112
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-479-112

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3779 ACATTGCACTTCAACATG 3799
DB 21 ACATTGACCTTCAAGAG 1

RESULT 2211
US-10-374-077-81
; Sequence 81, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-Sh
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Roseman, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 81:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 81:
 US-10-374-077-81

Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7337 ACCTGACTTCTCCAGCTCA 7357
 DB 1 AGATGACTTGTGCGCATTCGA 21

RESULT 2212
 US-10-374-077-88

Sequence 88, Application US/10374077
 Publication No. US20040006779A1
 GENERAL INFORMATION:
 APPLICANT: Fu, Ying-Hui
 Yu, Chang-En
 Oshima, Junko
 Mulligan, John T.
 Schellenberg, Gerald D.

TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
 WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group
 STREET: 701 Fifth Avenue, Suite 6300
 CITY: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98104-7092

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/374,077
 FILING DATE: 25-Feb-2003
 CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
 NAME: Roseman, Stephen
 REGISTRATION NUMBER: 43,058
 REFERENCE/DOCKET NUMBER: 100107, 401D1

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 88:
 SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 88:
 US-10-374-077-88

Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4149 CTGATTGTCTCTGACCTGG 4169
 DB 2 CTGATTGTCTCTGACCTGG 22

RESULT 2213

US-10-085-198-436/C
 Sequence 436, Application US/10085198
 Publication No. US20040009507A1
 GENERAL INFORMATION:

APPLICANT: Alsobrook et al.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-279

CURRENT APPLICATION NUMBER: US/10/085,198

CURRENT FILING DATE: 2002-02-25

PRIOR APPLICATION NUMBER: 60/271,646

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 60/276,401

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/311,981

PRIOR FILING DATE: 2001-08-13

PRIOR APPLICATION NUMBER: 60/312,858

PRIOR FILING DATE: 2001-08-16

PRIOR APPLICATION NUMBER: 60/271,840

PRIOR FILING DATE: 2001-02-27

PRIOR APPLICATION NUMBER: 60/277,324

PRIOR FILING DATE: 2001-03-20

PRIOR APPLICATION NUMBER: 60/286,096

PRIOR FILING DATE: 2001-04-21

PRIOR APPLICATION NUMBER: 60/299,695

PRIOR FILING DATE: 2001-06-20

PRIOR APPLICATION NUMBER: 60/315,614

PRIOR FILING DATE: 2001-08-29

PRIOR APPLICATION NUMBER: 60/272,405

PRIOR FILING DATE: 2001-02-28

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 653

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 436

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

US-10-085-198-436

Query Match 0.2%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+03;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5402 TATGCCATTCAAGAAATATAA 5422
 DB 21 TTGCGCATTCAGAAATGAAA 1

RESULT 2214
 US-10-041-615-169

Sequence 169, Application US/10041615
 Publication No. US20040014038A1

GENERAL INFORMATION:

APPLICANT: Casman, Stacie J

APPLICANT: Edinger, Shlomit R

APPLICANT: Ellerman, Karen

APPLICANT: Smithson, Glenda

APPLICANT: Kekuda, Ramesh

APPLICANT: Padigar, Muralidhara

TITLE OF INVENTION: No. US20040014038A1el GPCR-Like Proteins and Nucleic Acids Encodi

FILE REFERENCE: 21402-233-061

CURRENT APPLICATION NUMBER: US/10/041,615

CURRENT FILING DATE: 2003-01-29

PRIOR APPLICATION NUMBER: 60/259,552

PRIOR FILING DATE: 2001-01-03

PRIOR APPLICATION NUMBER: 60/260,544

PRIOR FILING DATE: 2001-01-09

PRIOR APPLICATION NUMBER: 60/277,405

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 174

SOFTWARE: Curseseq1ist version 0.1

SEQ ID NO 169
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-041-615-169

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5321 TCCTTCTCTCTTGGCTCA 5341
Db 1 TCCTTCTCTGCAATTCTCA 21

RESULT 2215
US-10-210-130-335/c
Sequence 335, Application US/10210130
Publication No. US20040014053A1
GENERAL INFORMATION:
APPLICANT: Zernusen, Bryan D.
APPLICANT: Paturajan, Meera
APPLICANT: Kekuda, Ramesh
APPLICANT: Miller, Charles E.
APPLICANT: Rieger, Daniel K.
APPLICANT: Pena, Carol E.A.
APPLICANT: Shimkets, Richard A.
APPLICANT: Li, Li
APPLICANT: Berghs, Constance
APPLICANT: Zhong, Mei
APPLICANT: Casman, Stacie J.
APPLICANT: Voss, Edward Z.
APPLICANT: Boidog, Ferenc L.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Smithson, Glenda
APPLICANT: Ji, Weizhen
APPLICANT: Gorman, Linda
APPLICANT: Vernet, Corine A.M.
APPLICANT: Leite, Mario W.
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Anderson, David W.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Gerlach, Valerie
APPLICANT: Burgess, Catherine E.
APPLICANT: Khramtsov, Nikolai V.
APPLICANT: Ort, Tatiana
APPLICANT: Ellerman, Karen
APPLICANT: Rastelli, Luca
APPLICANT: Agee, Michele L.
APPLICANT: Chaudhuri, Amitabha
APPLICANT: Chan, John S.
APPLICANT: DiPippo, Vincent A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Eissen, Andrew J.
APPLICANT: Gangolli, Esha A.
APPLICANT: Girot, Loic
APPLICANT: Ooi, Chean Eng
APPLICANT: Rothenberg, Mark E.
APPLICANT: Spaderna, Steven K.
APPLICANT: Hjal, Tord
APPLICANT: Liu, Xiaobong
APPLICANT: Taudier, Raymond J., Jr.
APPLICANT: Catterton, Elna
APPLICANT: Shenoy, Suresh G.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-416C (Cura-716 SWT)
CURRENT APPLICATION NUMBER: US/10/210,130
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 60/316,508

PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/354,655
PRIOR FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: 60/310,291
PRIOR FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 60/383,887
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/310,951
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/323,936
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/381,039
PRIOR FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/311,292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/311,979
PRIOR FILING DATE: 2001-08-13
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 369
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 335
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-335

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5238 GGGTCAGTCATTCACGACA 5258
Db 21 GGTTCCAGTCATTCACGAA 1

RESULT 2216
US-10-326-892-5
Sequence 5, Application US/10326892
Publication No. US20040016005A1
GENERAL INFORMATION:
APPLICANT: KARATZAS, Costas
APPLICANT: HUANG, Yue-Jin
APPLICANT: LAZARIS, Anthoula
TITLE OF INVENTION: PRODUCTION OF BUTYRYLCHOLINESTERASES IN TRANSGENIC MAMMALS
FILE REFERENCE: 4214/1M96-US1
CURRENT APPLICATION NUMBER: US/10/326,892
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer Acb710
US-10-326-892-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3602 TGTAACCTTCTTGGGAATG 3622
Db 2 TGTAACCTTCTTGGGAATG 22

RESULT 2217
US-10-326-892-5
Sequence 5, Application US/10326892
Publication No. US20040168208A2
GENERAL INFORMATION:

```
/ APPLICANT: KARATZAS, Costas
/ APPLICANT: HUANG, Yue-jin
/ APPLICANT: LAZARIS, Anthoula
/ TITLE OF INVENTION: PRODUCTION OF BUTYRYLCHOLINESTERASES IN TRANSGENIC MAMMALS
/ FILE REFERENCE: 4214/11196-US1
/ CURRENT APPLICATION NUMBER: US/10/326,892
/ PRIOR FILING DATE: 2002-12-20
/ NUMBER OF SEQ ID NOS: 48
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 5
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer Acb710
US-10-326-892-5

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3602 TGTACTTCTTTGGGGAATG 3622
DB 2 TGTAACTCTCTTGGAGAAAG 22

RESULT 2218
US-10-182-952A-4
/ Sequence 4, Application US/10182952A
/ Publication No. US20040106111A1
/ GENERAL INFORMATION:
/ APPLICANT: Haley, Christopher Simon
/ APPLICANT: Archibald, Alan Langskill
/ TITLE OF INVENTION: Method for Determining a Predisposition
/ FILE REFERENCE: 8830-109
/ CURRENT APPLICATION NUMBER: US/10/182,952A
/ PRIOR FILING DATE: 2003-02-26
/ PRIOR APPLICATION NUMBER: PCT/GB01/00448
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: GB 0002451.3
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 4
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Primer
US-10-182-952A-4

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4435 ACTAGGCATGTGGTGCTG 4455
DB 1 AATAGGCATGAGGGTGTG 21

RESULT 2219
US-10-470-700A-40
/ Sequence 40, Application US/10470700A
/ Publication No. US20040152873A1
/ GENERAL INFORMATION:
/ APPLICANT: Biomedics Limited
/ APPLICANT: Callen, David F
/ APPLICANT: Powell, Jason
/ APPLICANT: Krennidoletis, Gabriel
/ APPLICANT: Gardner, Allison
/ APPLICANT: Crawford, Joanna
/ APPLICANT: Bales, Anthony
```

```
/ APPLICANT: Kochetkova, Marina
/ TITLE OF INVENTION: A Novel Gene BNO1 Mapping to Chromosome 16Q24.3
/ FILE REFERENCE: 1386/14
/ CURRENT APPLICATION NUMBER: US/10/470,700A
/ PRIOR FILING DATE: 2003-07-29
/ PRIOR APPLICATION NUMBER: PCT/AU02/00096
/ PRIOR FILING DATE: 2002-01-31
/ NUMBER OF SEQ ID NOS: 41
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 40
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-470-700A-40

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5995 GTGAAGTCAGAGGCTTCTG 6015
DB 1 GTGAAGTCGAGACGTTTGTG 21

RESULT 2220
US-10-657-740-13
/ Sequence 13, Application US/10657740
/ Publication No. US20040157289A1
/ GENERAL INFORMATION:
/ APPLICANT: Salerno, John C.
/ APPLICANT: Hanna, Michael
/ APPLICANT: Koretz, Jane F.
/ APPLICANT: Krone, Donna
/ APPLICANT: Smith, Susan E.
/ TITLE OF INVENTION: PROTEIN EXPRESSION SYSTEM
/ FILE REFERENCE: 01794100406US1
/ CURRENT APPLICATION NUMBER: US/10/657,740
/ PRIOR FILING DATE: 2003-09-08
/ PRIOR APPLICATION NUMBER: US 60/408,680
/ PRIOR FILING DATE: 2002-09-06
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 13
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-657-740-13

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4260 TCCCTCCTCTGCATGTCCTG 4280
DB 1 TCCCTCTTCGACGCTGCTG 21

RESULT 2221
US-10-403-142-224
/ Sequence 224, Application US/10403142
/ Publication No. US2004016236A1
/ GENERAL INFORMATION:
/ APPLICANT: Alsbrook et al.
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
/ FILE REFERENCE: 21402-572A
/ CURRENT APPLICATION NUMBER: US/10/403,142
/ PRIOR FILING DATE: 2003-03-31
/ PRIOR APPLICATION NUMBER: 08/969106
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 09/544511
/ PRIOR FILING DATE: 2000-04-06
```

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; PRIOR APPLICATION NUMBER: 60/369065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/604286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/651200
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 09/662783
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/688598
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/894159
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 09/918779
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 09/964956
; PRIOR FILING DATE: 2001-09-26
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 242
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 224
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-142-224
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4299 CATCTTTCTCTCCCTCGA 4319
Db      1 CATCTCTCTCTTCCCAAGCA 21
```

```
RESULT 2222
US-10-620-242A-43/c
; Sequence 43, Application US/10620242A
; Publication No. US20040171020A1
; GENERAL INFORMATION:
; APPLICANT: Ulrich, Ricky
; APPLICANT: Jeddeloh, Jeffrey A.
; APPLICANT: Oyston, Petra
; TITLE OF INVENTION: Glanders/Melioidosis Vaccines
; FILE REFERENCE: 003/267/SNP
; CURRENT APPLICATION NUMBER: US/10/620,242A
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/386,257
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Apple Macintosh Microsoft Word 6.0
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: designed primer
US-10-620-242A-43
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      2098 GTACAGCAGCAACGCGAAG 2118
Db      21 GGACGACGCGCCACGCGACGCG 1
```

```
RESULT 2223
US-10-480-013-2/c
; Sequence 2, Application US/10480013
; Publication No. US2004015794A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Pohang Foundation
; TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
; TITLE OF INVENTION: HYBRIDS
; FILE REFERENCE: PCA20633/PSC
; CURRENT APPLICATION NUMBER: US/10/480,013
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Kopatentlin 1.71
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
; NAME/KEY: misc_feature
; LOCATION: (13)
; OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
US-10-480-013-2
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Oy      4018 AGAAAAAGAGAGAAACAAA 4039
Db      25 AAAAAAAAAAAAAAAAAAAAAA 4
```

```
RESULT 2224
US-09-866-108-13467
; Sequence 13467, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
```

```
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 13467
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13467
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 81.0%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      1412 AGGATGACATGACGAGGTGA 1432
Db      2 AGGATGACCTGAATGAGCTGA 22
```

RESULT 2225

```
US-10-723-361-13467
/ Sequence 13467, Application US/10723361
/ General Information:
```

```
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT FILING DATE: 2003-11-26
PRIOR FILING DATE: 2003-11-26
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 13467
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13467
```

```
US-10-723-361-13467
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 81.0%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      1412 AGGATGACATGACGAGGTGA 1432
Db      2 AGGATGACCTGAATGAGCTGA 22
```

```
RESULT 2226
US-10-418-182-148/C
/ Sequence 148, Application US/10418182
/ Publication No. US20030228302A1
/ General Information:
```

```
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT FILING DATE: 2003-04-16
PRIOR FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 148
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
OTHER INFORMATION: oligonucleotide
US-10-418-182-148
```

```
Query Match      0.2%; Score 14.6; DB 1; Length 27;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      5412 AAGAAATTAAGACAGAGGAA 5432
Db      21 AAAAAAAAAAAAAAAAAAGAA 1
```

RESULT 2227

```
US-09-927-777A-69
/ Sequence 69, Application US/09927777A
/ Patent No. US20020172953A1
/ General Information:
```

```
APPLICANT: Markin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghamian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-653-A
CURRENT FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
```

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; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-927-777A-69

Query Match          0.2%; Score 14.6; DB 1; Length 31;
Best Local Similarity 69.0%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy      4021 AAAAAGAGAGAAAACAAATGTTATTTT 4049
Db      1 AAAAAAAAAAAAAAAAAACCTATGTGT 29

RESULT 2228
US-10-008-978-69
; Sequence 69, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Mucic, Robert L.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Tacon, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
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; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-008-978-69

Query Match          0.2%; Score 14.6; DB 1; Length 31;
Best Local Similarity 69.0%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy      4021 AAAAAGAGAGAAAACAAATGTTATTTT 4049
Db      1 AAAAAAAAAAAAAAAAAACCTATGTGT 29

RESULT 2229
US-10-266-983-69
; Sequence 69, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PRIOR APPLICATION NUMBER: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-69
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Query Match 0.2%; Score 14.6; DB 1; Length 31;
Best Local Similarity 69.0%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 4021 AAAAAGAGAAAAAATGTTATTTT 4049
Db 1 AAAAAAAAAAAAAAAAAACCATGTGT 29

RESULT 2230

US-10-480-276-33
; Sequence 33, Application US/10480276
; Publication No. US20040171015A1
; GENERAL INFORMATION:
; APPLICANT: I.N.S.E.R.M.
; TITLE OF INVENTION: CYP450-specific DNA probes and primers, and biological applicatio
; FILE REFERENCE: bct010072
; CURRENT APPLICATION NUMBER: US/10/480,276
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-480-276-33

Query Match 0.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 144 GGGGTAAGGAGGCCCC 159
Db 1 GGGGTAAGGAGGCCCC 16

RESULT 2231

US-09-866-108-2192/c
; Sequence 2192, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 2192
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2192

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 265 CACGAGTGTTCAGG 280
Db 17 CACGAGTGTTCAGG 2

RESULT 2232

US-09-866-108-2193/c
; Sequence 2193, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2193
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2193

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 265 CACGAGGTCTCCAGG 280
Db 16 CACGAGGTCTCCAGG 1

RESULT 2233

US-09-866-108-2668/c
Sequence 2668, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2668
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2668

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3878 CCGGCCCCGCCAGGT 3893
Db 17 CCGGCCCCGCCAGGT 2

RESULT 2234

US-09-866-108-2669/c
Sequence 2669, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2669
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2669

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3878 CCGGCCCCGCCAGGT 3893
Db 16 CCGGCCCCGCCAGGT 1

RESULT 2235

US-09-866-108-7981/c

```

: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: ACOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00662
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00661
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00670
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: US 60/234,687
: PRIOR FILING DATE: 2000-09-21
: PRIOR APPLICATION NUMBER: US 60/266,860
: PRIOR FILING DATE: 2001-02-05
: NUMBER OF SEQ ID NOS: 15752
: SOFTWARE: Aecomica Sequence Listing Engine
: SEQ ID NO 7982
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-866-108-7982

Query Match      0.24; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15, Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4951 TTTTTCCTGCTGAGCT 4966
      |||||||
Db      16 TGTTTCTGCTGAGCT 1

RESULT 2237
US-09-864-785-22/c
: Sequence 22, Application US/09864785
: Patent No. US20020177568A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Draper, Ken
: APPLICANT: McSwigen, Jim
: TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
: FILE REFERENCE: 400/022 (MBH00-812-D)
: CURRENT APPLICATION NUMBER: US/09/864,785
: CURRENT FILING DATE: 2001-05-23
: NUMBER OF SEQ ID NOS: 3929
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 22
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

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US-09-864-785-22

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4608 TGCCCCACTGCTTGGG 4623

Db 17 TGCCCCGCTGCTTGGG 2

RESULT 2238

US-09-864-785-1434/C
; Sequence 1434, Application US/09864785
; Patent No. US2002017568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MEH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1434
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1434

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4608 TGCCCCACTGCTTGGG 4623

Db 16 TGCCCCGCTGCTTGGG 1

RESULT 2239

US-09-818-875-2654
; Sequence 2654, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2654

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGAGGAA 3715

Db 2 TTTCATTGAGGAA 17

RESULT 2240

US-09-818-875-2655/C
; Sequence 2655, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2655

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGAGGAA 3715

Db 16 TTTCATTGAGGAA 1

RESULT 2241

US-09-818-875-2658
; Sequence 2658, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2658
; LENGTH: 17
; TYPE: DNA
US-09-818-875-2658

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/ ORGANISM: Homo sapiens
US-09-818-875-2658

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTGCATTGAAGAA 3715
Db 2 TTTGCATTGAAGAA 17

RESULT 2242
US-09-818-875-2659/c
; Sequence 2659, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2659

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTGCATTGAAGAA 3715
Db 16 TTTGCATTGAAGAA 1

RESULT 2243
US-09-818-875-2662
; Sequence 2662, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4

/ SEQ ID NO 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2662

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTGCATTGAAGAA 3715
Db 16 TTTGCATTGAAGAA 1

RESULT 2244
US-09-818-875-2663/c
; Sequence 2663, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2663

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTGCATTGAAGAA 3715
Db 16 TTTGCATTGAAGAA 1

RESULT 2245
US-09-848-754A-3602
; Sequence 3602, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribosome Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; PRIOR FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3602

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



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; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-383

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCUCGACGACG 7428
DB 2 CAGCAGCUCGACGACG 17

RESULT 2251
US-09-792-818-385/c
; Sequence 385, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 385
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-385

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 26 GTGGAGCTGCTGCAG 41
DB 17 GTGGAGCTGCTGCAG 2

RESULT 2252
US-09-792-818-524
; Sequence 524, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 524
```

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-524

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCUCGACGACG 7428
DB 1 CAGCAGCUCGACGACG 16

RESULT 2253
US-09-792-818-616/c
; Sequence 616, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 616
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-616

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 26 GTGGAGCTGCTGCAG 41
DB 16 GTGGAGCTGCTGCAG 1

RESULT 2254
US-09-745-237A-313/c
; Sequence 313, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 313
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-313

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 72 GGGGGGGGGGGGGGGG 87
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Db      16 GGGGGCGCGCGCGGC 1

RESULT 2255
US-09-817-879-1995/C
; Sequence 1995, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1995
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1995

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGTCATTCCACCAG 5256
Db      17 TCCAGCATTCACCAG 2

RESULT 2256
US-09-817-879-2560
; Sequence 2560, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2560
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2560

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGTCATTCCACCAG 5256
Db      2 UCCAGGCAUCCACCAG 17

RESULT 2257
US-09-927-046-385
; Sequence 385, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grype, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: Channel-1
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 385
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-385

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+03;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      5015 GAGGCTCTGTGGAGCA 5030
Db      2 GCGGGCTUCGAGAGCA 17

RESULT 2258
US-10-287-971-298
; Sequence 298, Application US/10287971
; Publication No. US20040067882A1
; GENERAL INFORMATION:
; APPLICANT: Alabrook, et al
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-480A
; CURRENT APPLICATION NUMBER: US/10/287,971
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 09/997,425
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/338,626
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/401,479
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/333,072
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/348,283
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/393,262
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/406,181
; PRIOR FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: CuraSeglist version 0.1
; SEQ ID NO 298
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-298

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2943 AACAGGGCCAGCAAGA 2958
Db      2 ATCAGGGCCAGCAAGA 17
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RESULT 2259
US-10-100-252-7
; Sequence 7, Application US/10100252
; Publication No. US20030045657A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
; APPLICANT: Bodie, Elizabeth A.
; APPLICANT: Burrow, Shirlley
; APPLICANT: Dunn-Coleman, Nigel
; APPLICANT: Turner, Geoffrey
; APPLICANT: Ward, Michael
; FILE REFERENCE: G6682-2
; TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
; CURRENT APPLICATION NUMBER: US/10/100,252
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/276,571
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: US 60/276,618
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-10-100-252-7

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.3e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      385 GACATCAGCCGCGATTA 401
DB      1 GATATTAACCGGATTA 17

RESULT 2260
US-10-060-895A-1586/C
; Sequence 1586, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Thong
; TITLE OF INVENTION: HUMAN UDP-GALNA4: POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
```

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; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1586
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-1586

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3299 CCCAGTCAATATTTT 3314
DB      17 CCCAGTCAATATTTT 2

RESULT 2261
US-10-060-895A-1587/C
; Sequence 1587, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Thong
; TITLE OF INVENTION: HUMAN UDP-GALNA4: POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1587
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-1587

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3299 CCCAGTCAATATTTT 3314
DB      16 CCCAGTCAATATTTT 1

RESULT 2262
US-10-060-998-694
; Sequence 694, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
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RESULT 2271
US-10-238-700-251
: Sequence 251. Application US/10238700
: Publication No. US20030153521a1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Mcswiggen, James
: TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
: FILE REFERENCE: 400/057 (MBH01-1158-A)
: CURRENT APPLICATION NUMBER: US/10/238,700
: CURRENT FILING DATE: 2002-09-18
: PRIOR APPLICATION NUMBER: PCT/US 02/16840
: PRIOR FILING DATE: 2002-05-29
: PRIOR APPLICATION NUMBER: US 60/318,471
: PRIOR FILING DATE: 2001-09-10
: NUMBER OF SEQ ID NOS: 4666
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 251
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens

```

US-10-238-700-251

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 37.8%; Pred. No. 1.3e+03;
Matches 6; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 7436 CAATCTGTGTTTAT 7451
|:|:|:|:|:|:|:
DB 2 CUAUUCUGUUUUAU 17

RESULT 2272

US-10-238-700-2758/c
; Sequence 2758, Application US/10238700
; Publication No. US20030155521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2758
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2758

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 68 GCGGGGGCGGGCGGC 83
|:|:|:|:|:|:|:
DB 16 GCGGGGGCGGGCGGC 1

RESULT 2273

US-10-238-700-2911/c
; Sequence 2911, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2911
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2911

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 36 CTGAGGCTCGGCGGC 51
|:|:|:|:|:|:|:
DB 16 CTGAGGCTCGGCGGC 1

RESULT 2274

US-10-339-782-54
; Sequence 54, Application US/10339782
; Publication No. US2003016026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bower, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-54

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 717 ATCCATGAGGTACACC 732
|:|:|:|:|:|:|:
DB 2 ATCCATGAGGTACACC 17

RESULT 2275

US-10-230-006-1288
; Sequence 1288, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; APPLICANT: MCSwigen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1288
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1288

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.3e+03;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6882 GCGTGGGTGTCTC 6897
|:|:|:|:|:|:|:
DB 2 GCGTGGGTGTCTC 17

RESULT 2276

US-10-209-787-2654
; Sequence 2654, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4

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; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2654

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGGAA 3715
DB      2 TTTGCATTGAAGGAA 17

RESULT 2277
US-10-209-787-2655/c
; Sequence 2655, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2655

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGGAA 3715
DB      16 TTTGCATTGAAGGAA 1

RESULT 2278
US-10-209-787-2658
; Sequence 2658, Application US/10209787
; Publication No. US20030217377A1

GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGGAA 3715
DB      2 TTTGCATTGAAGGAA 17

RESULT 2279
US-10-209-787-2659/c
; Sequence 2659, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGGAA 3715
DB      2 TTTGCATTGAAGGAA 17
```

```
Db      16 TTGCATTGAGGAA 1

RESULT 2280
; Sequence 2662, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2662

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3700 TTTCATTGAGGAA 3715
Db      2 TTGCATTGAGGAA 17

RESULT 2281
US-10-209-787-2663/c
; Sequence 2663, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2663

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4222 TTCTCTGTGCAGATA 4237
Db      17 TGCCTGTGCAGATA 2

RESULT 2283
US-10-307-005-1367
; Sequence 1367, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1367
; LENGTH: 17

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4222 TTCTCTGTGCAGATA 4237
Db      17 TGCCTGTGCAGATA 2

RESULT 2282
US-10-297-068-622/c
; Sequence 622, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKI, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-622

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
/ TYPE: DNA
/ ORGANISM: Mesembryanthemum crystallinum
US-10-307-005-1367

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 852 CAACATTGATGCTCA 867
DB 1 CAACATTGATGCTCA 16

RESULT 2284
US-10-307-005-1368/c
/ Sequence 1368, Application US/10307005
/ Publication No. US20030236208A1
/ GENERAL INFORMATION:
/ APPLICANT: University of Delaware
/ APPLICANT: Eric B. Kmiec
/ APPLICANT: Howard B. Gamper
/ APPLICANT: Michael C. Rice
/ APPLICANT: Jungsup Kim
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
/ FILE REFERENCE: Using Modified Single Stranded Oligonucleotides
/ CURRENT APPLICATION NUMBER: US/10/307,005
/ CURRENT FILING DATE: 2002-11-26
/ PRIOR APPLICATION NUMBER: PCT/US01/17672
/ PRIOR FILING DATE: 2001-06-01
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ NUMBER OF SEQ ID NOS: 2717
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 1368
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Mesembryanthemum crystallinum
US-10-307-005-1368

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 852 CAACATTGATGCTCA 867
DB 17 CAACATTGATGCTCA 2

RESULT 2285
US-10-261-185-2654
/ Sequence 2654, Application US/10261185
/ Publication No. US20040014057A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4CON
/ CURRENT APPLICATION NUMBER: US/10/261,185
/ PRIOR APPLICATION NUMBER: PCT/US01/09761
/ PRIOR FILING DATE: 2002-09-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538

/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 2655
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-261-185-2655

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGGAAGAA 3715
DB 2 TTTCATTGGAAGAA 17

RESULT 2286
US-10-261-185-2655/c
/ Sequence 2655, Application US/10261185
/ Publication No. US20040014057A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4CON
/ CURRENT APPLICATION NUMBER: US/10/261,185
/ CURRENT FILING DATE: 2002-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/09761
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 2655
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-261-185-2655

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGGAAGAA 3715
DB 16 TTTCATTGGAAGAA 1

RESULT 2287
US-10-261-185-2658
/ Sequence 2658, Application US/10261185
/ Publication No. US20040014057A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4CON
/ CURRENT APPLICATION NUMBER: US/10/261,185
/ CURRENT FILING DATE: 2002-09-27
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2658
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2658
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3700 TTTCATTGAGGAA 3715
Db      2 TTTCATTGAGGAA 17
|||||
```

```
RESULT 2288
US-10-261-185-2659/C
; Sequence 2659, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2659
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3700 TTTCATTGAGGAA 3715
Db      16 TTTCATTGAGGAA 1
|||||
```

```
RESULT 2289
US-10-261-185-2662
; Sequence 2662, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
```

```
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2662
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3700 TTTCATTGAGGAA 3715
Db      2 TTTCATTGAGGAA 17
|||||
```

```
RESULT 2290
US-10-261-185-2663/C
; Sequence 2663, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2663
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3700 TTTCATTGAGGAA 3715
Db      16 TTTCATTGAGGAA 1
|||||
```



```
RESULT 2291
US-10-138-674-1264
; Sequence 1264, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1264

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3966 AATATTTCTTACTG 3981
DB      2 AAUUAUUCUAAUUGG 17

RESULT 2292
US-10-138-674-1265
; Sequence 1265, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1265
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1265

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3967 AATATTTCTTACTG 3982
DB      1 AAUUAUUCUAAUUGG 16

RESULT 2293
US-10-138-674-1409/c
; Sequence 1409, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1409

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3324 GATGTTTATGCGTT 3339
DB      16 GATGTTTATGCGTT 1

RESULT 2294
US-10-138-674-8361/c
; Sequence 8361, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8361
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8361

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3326 TGTTTTATGCGTTCA 3341
DB      17 TGTTTTACGGGTCA 2

RESULT 2295
US-10-676-154-675
; Sequence 675, Application US/10676154
; Publication No. US20040081966A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
```

;; PRIOR FILING DATE: 1999-09-24
;; NUMBER OF SEQ ID NOS: 691
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 675
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo Sapiens
US-10-676-154-675

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7333 TTGAGCTGTACTTG 7348
Db 1 TTGTGCTGTACTTG 16

RESULT 2296
US-10-287-949A-1264
; Sequence 1264, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1264

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3966 AATATTTCTTACTGCG 3981
Db 2 AAUAAUUCUAAUUGG 17

RESULT 2297
US-10-287-949A-1265
; Sequence 1265, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1265
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1265

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3967 ATATTTCTTACTGCG 3982
Db 1 AAUAAUUCUAAUUGG 16

RESULT 2298
US-10-287-949A-1409/C
; Sequence 1409, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1409

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3324 GATGTTTAAATGCGTT 3339
Db 16 GATGTTTAAATGCGTT 1

RESULT 2299
US-10-287-949A-8361/C
; Sequence 8361, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8361
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8361

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3326 TGTTTAAATGCGTTCA 3341
Db 17 TGTTTAAATGCGTTCA 2

```
RESULT 2300
US-10-712-672-169
; Sequence 169, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/10/712,672
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 169
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-169
```

```
Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.3e+03;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7335 TGAGCTGTACCTTCTC 7350
Db      1 UGAGCUGUACUUGUC 16
```

```
RESULT 2301
US-10-712-672-997
; Sequence 997, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/10/712,672
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 997
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-997
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Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+03;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3462 TGACGACATCCAGCC 3477
Db      1 UGACGACCCUCCAGCC 16
```

RESULT 2302

```
US-10-712-672-2014/c
; Sequence 2014, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/10/712,672
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2014
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-2014
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```
Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      5642 GGGGGACCCCGAGCCT 5657
Db      16 GGGGGACCCCGAGCCT 1
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```
RESULT 2303
US-10-669-841-4588/c
; Sequence 4588, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT FILING DATE: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
```

```
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4588
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-4588

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGTCATTCACCAG 5256
Db      17 TCCAGGCAATTCACCAG 2

RESULT 2304
US-10-669-841-5153
/ Sequence 5153, Application US/10669841
/ Publication No. US2004012746A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: Lawrence, Blatt
/ APPLICANT: Dennis, Macejak
/ APPLICANT: James, McSwiggen
/ APPLICANT: David, Morrissey
/ APPLICANT: Pamela, Pavco
/ APPLICANT: Patrice, Lee
/ APPLICANT: Kenneth, Draper
/ APPLICANT: Elisabeth, Roberts
/ TITLE OR INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
/ FILE REFERENCE: 400/042US (MBHB02-249-E)
/ CURRENT FILING DATE: 2003-09-23
/ PRIOR FILING DATE: 2003-09-23
/ PRIOR APPLICATION NUMBER: PCT/US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: US 60/296,876
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 60/335,059
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: US 60/337,055
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US 09/740,332
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: US 09/611,931
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: US 09/504,321
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5153
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
```

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/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5153

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGTCATTCACCAG 5256
Db      2 UCCAGGCAATTCACCAG 17

RESULT 2305
US-10-723-361-2192/c
/ Sequence 2192, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomlca Sequence Listing Engine
/ SEQ ID NO 2192
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-2192

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 CAGCAGGTGTTCCAGG 280
Db      17 CAGCAGGTGTTCCAGG 2

RESULT 2306
US-10-723-361-2193/c
/ Sequence 2193, Application US/10723361
/ Publication No. US20040137589A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 2193
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-2193

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 CACGAGGTTCACG 280
DB      16 CACGAGGTTCACG 1

RESULT 2307
US-10-723-361-2668/c
/ Sequence 2668, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 2193
/ LENGTH: 17
/ TYPE: DNA
```

```
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 2668
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-2668

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3878 CCCGCCGCCGCGT 3893
DB      17 CCCGCCGCCGCGT 2

RESULT 2308
US-10-723-361-2669/c
/ Sequence 2669, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 2669
/ LENGTH: 17
/ TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-10-723-361-2669

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3878 CCGCGCCGCCGAGCT 3893
Db 16 CCGCGCCGCCGAGCT 1

RESULT 2309
US-10-723-361-7981/c
; Sequence 7981, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7981
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7981

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGAGCT 4966
Db 17 TGTTCCTGCTGAGCT 2

RESULT 2310
US-10-723-361-7982/c
; Sequence 7982, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

; ORGANISM: Penn, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7982
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7982

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGAGCT 4966
Db 16 TGTTCCTGCTGAGCT 1

RESULT 2311
US-10-735-592-2
; Sequence 2, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Atc, Krieg
; APPLICANT: Joerg, Volmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; PRIOR FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-2

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTTCCTGCTGAGCT 4478
```

Db 2 CGTTTTTTTTTTTTTT 17

RESULT 2312
US-10-735-592-9/c
; Sequence 9, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-9

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4469 TTTTTCG 4484
17 TTTTTCG 2

RESULT 2313
US-10-735-592-15
; Sequence 15, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-15

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTTCG 4478
2 CGTTTTTTTTTTTTTT 17

RESULT 2314
US-10-735-592-16
; Sequence 16, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01

; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-16

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTTCG 4478
2 CGTTTTTTTTTTTTTT 17

RESULT 2315
US-10-735-592-25
; Sequence 25, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-25

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTTCG 4478
2 CGTTTTTTTTTTTTTT 17

RESULT 2316
US-10-735-592-48
; Sequence 48, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-48

Query Match 0.2%; Score 14.4; DB 1; Length 17;


```

; FILE REFERENCE: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-2659

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 16 TTGGATTGAAGAA 1

RESULT 2322
US-10-681-074-2662
; Sequence 2662, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; FILE REFERENCE: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-2662

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 2 TTGCATTGAAGAA 17

RESULT 2323
US-10-681-074-2663/c
; Sequence 2663, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; FILE REFERENCE: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
```

```

; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-2663

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 16 TTGGATTGAAGAA 1

RESULT 2324
US-09-735-787-28
; Sequence 28, Application US/09735787
; Patent No. US20010036910A1
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; Mikkelson, Jan Moller
; Schuelein, Martin
; Packar, Shankant A.
; Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSER: No. US20010036910A10 No. US20010036910A1disk of No. US200100369
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,787
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/189,028
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469,214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-735-787-28

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1132 GCACGATTTCAAGC 1147
Db 3 GCACATTTTCAAGC 18
```

```
RESULT 2325
US-09-942-588A-64
; Sequence 64, Application US/09942588A
; Patent No. US20020106667A1
; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Screening method for gene variation
; FILE REFERENCE: CRO 15717
; CURRENT APPLICATION NUMBER: US/09/942,588A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263396
; NUMBER OF SEQ ID NOS: 67
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-588A-64

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGGTCTCTTGTTC 5683
Db 1 GATGGGTCTCTTGTTC 16
```

```
Publication No. US20030198952A9
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Yamamoto, No. US20030198952A9uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-65

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGGTCTCTTGTTC 5683
Db 1 GATGGGTCTCTTGTTC 16

RESULT 2328
US-09-969-373-2922/c
; Sequence 2922, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Haug, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2922
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2922

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6019 TTTTCCACACCTGTCC 6014
Db 1 TTCTCCACACCTGTTC 3
```

```
RESULT 2329
US-09-942-596A-64
; Sequence 64, Application US/09942596A
; Patent No. US20020168648A1
; GENERAL INFORMATION:
```

```
/ APPLICANT: Canon INC.
/ TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
/ FILE REFERENCE: CPO 15718
/ CURRENT APPLICATION NUMBER: US/09/942,596A
/ CURRENT FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: JP 263506/2000
/ PRIOR FILING DATE: 2000-08-31
/ NUMBER OF SEQ ID NOS: 66
/ SEQ ID NO 64
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Sample oligonucleotide
US-09-942-596A-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
| | | | | | | | | | | | | | | | | |
Db 1 GATGGGTCTCTTGTTC 16

RESULT 2330
US-09-988-873A-64
/ Sequence 64, Application US/09988873A
/ Publication No. US20030027160A1
/ GENERAL INFORMATION:
/ APPLICANT: Canon Inc.
/ TITLE OF INVENTION: Terminal labeled probe array and method of making it
/ FILE REFERENCE: CPO15961
/ CURRENT APPLICATION NUMBER: US/09/988,873A
/ CURRENT FILING DATE: 2002-04-16
/ PRIOR APPLICATION NUMBER: JP2000-357446
/ PRIOR FILING DATE: 2000-11-24
/ NUMBER OF SEQ ID NOS: 65
/ SEQ ID NO 64
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthesized
US-09-988-873A-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
| | | | | | | | | | | | | | | | | |
Db 1 GATGGGTCTCTTGTTC 16

RESULT 2331
US-09-951-061A-81/c
/ Sequence 81, Application US/09951061A
/ Publication No. US20030082204A1
/ GENERAL INFORMATION:
/ APPLICANT: Paoletti, Enzo
/ APPLICANT: Tartaglia, James
/ APPLICANT: Taylor, Jill
/ APPLICANT: Gettig, Russell
/ TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
/ TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
/ TITLE OF INVENTION: RECOMBINANTS
/ NUMBER OF SEQUENCES: 143
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell, Boehnen, Hulbert & Berghoff
/ STREET: 300 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
```

```
COUNTRY: United States of America
ZIP: 60606
COMPUTER/READABLE FORM:
/ MEDIAN TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/951,061A
/ FILING DATE: 13-SEP-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 09/354,138
/ FILING DATE: 15-JUL-1999
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/224,657
/ FILING DATE: 16-APR-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/073,962
/ FILING DATE: 08-JUN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/776,867
/ FILING DATE: 23-OCT-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/621,614
/ FILING DATE: 30-NOV-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/938,283
/ FILING DATE: 31-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/621,614
/ FILING DATE: 30-NOV-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/105,483
/ FILING DATE: 12-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/847,951
/ FILING DATE: 06-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/713,967
/ FILING DATE: 11-JUN-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07,666,056
/ FILING DATE: 07-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Frommer, William S.
/ REGISTRATION NUMBER: 25,506
/ REFERENCE/DOCKET NUMBER: 454310-2860
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 840-3333
/ TELEFAX: (212) 840-0712
/ INFORMATION FOR SEQ ID NO: 81:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-09-951-061A-81

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 93 GCTTGTAGGAGAC 108
| | | | | | | | | | | | | | | | | |
Db 18 GCTTGTAGGAGAC 3

RESULT 2332
US-09-942-662A-64
/ Sequence 64, Application US/09942662A
/ Publication No. US20030190612A1
/ GENERAL INFORMATION:
```

```
; APPLICANT: Canon INC.
; TITLE OF INVENTION: An assay of many samples for multiple items at the same time
; FILE REFERENCE: 3312041
; CURRENT APPLICATION NUMBER: US/09/942,662A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263395
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263505
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 64
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-662A-64

Query Match          0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5668 GTTGGTCTCTTGTTC 5683
Db      1 GATGGGTCTCTTGTTC 16

RESULT 2333
US-10-388-360-284
; Sequence 284, Application US/10388360
; Publication No. US20030225528A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH
; APPLICANT: Baker, Joffe B.
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Shak, Steve
; APPLICANT: Walker, Michael Graham
; TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSIED TUMOR TISSUES
; FILE REFERENCE: 33740-0001US
; CURRENT APPLICATION NUMBER: US/10/388,360
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/412,049
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 60/364,890
; PRIOR FILING DATE: 2002-03-13
; NUMBER OF SEQ ID NOS: 384
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-360-284

Query Match          0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2302 CAGCCTGGGATCACTT 2317
Db      2 CAGCCTGGGACCACTT 17

RESULT 2334
US-10-231-302-64
; Sequence 64, Application US/10231302
; Publication No. US20030082602A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, No. US20030082602A1uko
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Method for analyzing base sequence of nucleic acid
; FILE REFERENCE: 03500.015203
```

```
; CURRENT APPLICATION NUMBER: US/10/231,302
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/JP00/07244
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-231-302-64

Query Match          0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5668 GTTGGTCTCTTGTTC 5683
Db      1 GATGGGTCTCTTGTTC 16

RESULT 2335
US-10-138-870-28
; Sequence 28, Application US/10138870
; Publication No. US20030119167A1
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikelsen, Jan Moller
; APPLICANT: Schlein, Martin
; APPLICANT: Pakar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
;                               Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: No. US20030119167A1o No. US20030119167A1disk of No. US20030119167A1
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/138,870
; FILING DATE: 03-May-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,787
; FILING DATE: 13-Dec-2000
; APPLICATION NUMBER: 09/189,028
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469,214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-138-870-28

Query Match          0.2%; Score 14.4; DB 1; Length 18;
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Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1132 GCACAGTATTTCAGC 1147
|||||

Db 3 GCACATATTTCAGC 18

RESULT 2336

US-10-286-628-24

/ Sequence 24, Application US/10286628

/ Publication No. US20030150001A1

/ GENERAL INFORMATION:

/ APPLICANT: Gould, Michael N.

/ TITLE OF INVENTION: Methods of Generating Knock-Out Rodents

/ FILE REFERENCE: 960296, 98491

/ CURRENT APPLICATION NUMBER: US/10/286,628

/ CURRENT FILING DATE: 2002-10-31

/ PRIOR APPLICATION NUMBER: 60/335,117

/ PRIOR FILING DATE: 2001-10-31

/ NUMBER OF SEQ ID NOS: 42

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 24

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: synthetic

/ US-10-286-628-24

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1132 GCACAGTATTTCAGC 1147
|||||

Db 3 GCACATATTTCAGC 18

RESULT 2337

US-10-286-628-33

/ Sequence 33, Application US/10286628

/ Publication No. US20030150001A1

/ GENERAL INFORMATION:

/ APPLICANT: Gould, Michael N.

/ TITLE OF INVENTION: Methods of Generating Knock-Out Rodents

/ FILE REFERENCE: 960296, 98491

/ CURRENT APPLICATION NUMBER: US/10/286,628

/ CURRENT FILING DATE: 2002-10-31

/ PRIOR APPLICATION NUMBER: 60/335,117

/ PRIOR FILING DATE: 2001-10-31

/ NUMBER OF SEQ ID NOS: 42

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 33

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: synthetic

/ US-10-286-628-33

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1132 GCACAGTATTTCAGC 1147
|||||

Db 3 GCACATATTTCAGC 18

RESULT 2338

US-10-084-839-2939

/ Sequence 2939, Application US/10084839

/ Publication No. US20030186238A1

/ GENERAL INFORMATION:

/ APPLICANT: Third Wave Technologies

/ APPLICANT: Allawi, Hatim

/ APPLICANT: Argue, Brad T.

/ APPLICANT: Bartholomay, Christian T.

/ APPLICANT: Chenak, LuAnne

/ APPLICANT: Curtis, Michelle L.

/ APPLICANT: Eis, Peggy S.

/ APPLICANT: Hall, Jeff G.

/ APPLICANT: ID, Hon S.

/ APPLICANT: Ji, Lin

/ APPLICANT: Kaiser, Michael

/ APPLICANT: Kwiakowski, Jr., Robert W.

/ APPLICANT: Lukowiak, Andrew A.

/ APPLICANT: Lyamichiev, Victor

/ APPLICANT: Lymancheva, Natalie E.

/ APPLICANT: Ma, Wubo

/ APPLICANT: Neil, Bruce P.

/ APPLICANT: Olson, Sarah M.

/ APPLICANT: Olson-Munoz, Marilyn C.

/ APPLICANT: Schaefer, James J.

/ APPLICANT: Skrzypczynski, Zbigniew

/ APPLICANT: Takova, Teetska Y.

/ APPLICANT: Thompson, Lisa C.

/ APPLICANT: Vedvik, Kevin L.

/ TITLE OF INVENTION: RNA Detection Assays

/ FILE REFERENCE: FORS-06666

/ CURRENT APPLICATION NUMBER: US/10/084,839

/ CURRENT FILING DATE: 2002-02-26

/ NUMBER OF SEQ ID NOS: 4004

/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 2939

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Synthetic

/ US-10-084-839-2939

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4013 AAATGAGAAAAAGAG 4028
|||||

Db 1 AAATGAGAAAAAGAG 16

RESULT 2339

US-10-108-260A-5433/c

/ Sequence 5433, Application US/10108260A

/ Publication No. US20040005560A1

/ GENERAL INFORMATION:

/ APPLICANT: HELIX RESEARCH INSTITUTE

/ TITLE OF INVENTION: No. US20040005560A1 full length cDNA

/ FILE REFERENCE: H1-A0106

/ CURRENT APPLICATION NUMBER: US/10/108,260A

/ CURRENT FILING DATE: 2002-03-27

/ NUMBER OF SEQ ID NOS: 5458

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 5433

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

/ US-10-108-260A-5433

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;

```
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6345 ACATTAAGCCGAGAA 6360
Db 16 ACATTAAGCCGAGAA 1

RESULT 2340
US-10-349-143-4233/c
; Sequence 4233, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4233
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-14090 for SEQ 299,
US-10-349-143-4233

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5651 CCAGCTTCATCTCTT 5666
Db 18 CCAGCTTCATCTCTT 3

RESULT 2341
US-10-349-143-5292
; Sequence 5292, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5292
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:

NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2328 for SEQ 1358,
US-10-349-143-5292

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6322 CTGTGCTGGGAACTT 6337
Db 2 CTGTGCTGGGAACTT 17

RESULT 2342
US-10-349-143-9599
; Sequence 9599, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9599
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:

NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-6038 for SEQ 1734, in complement
US-10-349-143-9599

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1761 TATTGTCATCTGCCA 1776
Db 1 TATTGTCATCTGCCA 16

RESULT 2343
US-10-349-143-11161/c
; Sequence 11161, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11161
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3045 for SEQ 3296, in compleme
US-10-349-143-11161

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2419 ACCACATCACCACC 2434
DB 16 ACCACATCACCATC 1

RESULT 2344
US-10-608-804-64
; Sequence 64, Application US/10608804
; Publication No.: US20040014124A1
; GENERAL INFORMATION:
; APPLICANT: Yamamoto, No. US20040014124A1uko
; APPLICANT: Okamoto, Tadaehi
; APPLICANT: Shimizu, Satoehi
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Method for Examining Reactivity and Method for Detecting a Comple
; FILE REFERENCE: 03500.015716.1
; CURRENT APPLICATION NUMBER: US/10/608,804
; PRIOR FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: US/09/942,662
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263395
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263505
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 64
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-10-608-804-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGTCTCTTGTTC 16

RESULT 2345
US-10-206-618-36/c
; Sequence 36, Application US/10206618
; Publication No. US20040018497A1
; GENERAL INFORMATION:
; APPLICANT: Warden, Craig H.
; TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND
; TITLE OF INVENTION: POLYPEPTIDE SEQUENCES AND METHODS OF USE THEREOF
; FILE REFERENCE: 22002064100
; CURRENT APPLICATION NUMBER: US/10/206,618
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FaetsSQ for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 18

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-206-618-36

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2934 AGAGTGGGACACGAG 2949
DB 17 AGAGTGGGACACGAG 2

RESULT 2346
US-10-634-510-64
; Sequence 64, Application US/10634510
; Publication No. US20040018552A1
; GENERAL INFORMATION:
; APPLICANT: Canon Inc.
; TITLE OF INVENTION: Terminal labelled probe array and method of making it
; FILE REFERENCE: CP015961
; CURRENT APPLICATION NUMBER: US/10/634,510
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: JP2000-357446
; PRIOR FILING DATE: 2000-11-24
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthesized
US-10-634-510-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGTCTCTTGTTC 16

RESULT 2347
US-10-773-951-102
; Sequence 102, Application US/10773951
; Publication No. US20040157255A1
; GENERAL INFORMATION:
; APPLICANT: Agus, David
; APPLICANT: Shak, Steven
; APPLICANT: Cronin, Maureen
; APPLICANT: Baker, Joffire
; TITLE OF INVENTION: Gene Expression Markers for Response to
; TITLE OF INVENTION: EGFR Inhibitor Drugs
; FILE REFERENCE: 39740/0009
; CURRENT APPLICATION NUMBER: US/10/773,951
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 60/445,968
; PRIOR FILING DATE: 2003-02-06
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FaetsSQ for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-773-951-102

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      2302 CAGCTGGGATCACTT 2317
      |||||
Db      2 CAGCTGGGACCACTT 17

RESULT 2348
US-10-206-705-68/c
; Sequence 68, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphat
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense s
US-10-206-705-68

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3932 TTTTCTCCCTTGATGG 3947
      |||||
Db      17 TTTTCTCTTGATGG 2

RESULT 2349
US-10-206-705-253
; Sequence 253, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphat
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-253

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 43.8%; Pred. No. 1.4e+03;
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

OY      3932 TTTTCTCCCTTGATGG 3947
      |||||
Db      3 UUUUCUCCUGAUGG 18

RESULT 2350
US-09-901-484A-418
; Sequence 418, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
```

```
; APPLICANT: Blumenfeld, Martha
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-901-484A-418

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      312 GAAACCAATCAGCTC 327
      |||||
Db      1 GAAACCAATCAGCTC 16

RESULT 2351
US-09-853-526-418
; Sequence 418, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Martha
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent .pm
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-853-526-418

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
```


Matches	15;	Conservative	0;	Mismatches	1;	Indels	0;	Gaps	0;
Qy	312	GAACCATCAAGCTC	327						
Db	1	GAACCATCAAGCTC	16						
RESULT 2352									
	US-09-770-107-124								
	Sequence 124, Application US/09770107								
	Publication No. US20030054345A1								
	GENERAL INFORMATION:								
	APPLICANT: Millennium Pharmaceuticals, Inc.								
	APPLICANT: Meyer, Joanne								
	APPLICANT: Barrington-Wartin, Rory								
	APPLICANT: Parker, Alexander								
	APPLICANT: Barnes, Glenn								
	TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of								
	TITLE OF INVENTION: neuropsychiatric disorders, including schizophrenia								
	FILE REFERENCE: 3322/0H401								
	CURRENT APPLICATION NUMBER: US/09/770.107								
	CURRENT FILING DATE: 2001-01-24								
	NUMBER OF SEQ ID NOS: 127								
	SOFTWARE: PatentIn version 3.0								
	SEQ ID NO 124								
	LENGTH: 19								
	TYPE: DNA								
	ORGANISM: Homo sapiens								
	US-09-770-107-124								
Query Match 0.2%; Score 14.4; DB 1; Length 19;									
	Best Local Similarity 93.8%; Pred. No. 1.4e+03;								
	Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;								
Qy	3030	GCCTGACCCCACTGG	3045						
Db	2	GACCTGACCCCACTGG	17						
RESULT 2353									
	US-10-453-792-48								
	Sequence 48, Application US/10453792								
	Publication No. US20040029110A1								
	GENERAL INFORMATION:								
	APPLICANT: STUYVER, LIEVEN								
	ROSSAU, RUDI								
	MAERTENS, GEERT								
	TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV								
	NUMBER OF SEQUENCES: 313								
	CORRESPONDENCE ADDRESS:								
	ADDRESSEE: NIXON & VANDERHAYE P.C.								
	STREET: 1100 NORTH GLEBE ROAD								
	CITY: ARLINGTON								
	STATE: VIRGINIA								
	COUNTRY: U.S.A.								
	ZIP: 22201-4714								
	COMPUTER READABLE FORM:								
	MEDIUM TYPE: Floppy disk								
	COMPUTER: IBM PC compatible								
	OPERATING SYSTEM: PC-DOS/MS-DOS								
	SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)								
	CURRENT APPLICATION DATA:								
	APPLICATION NUMBER: US/10/453.792								
	FILING DATE: 04-Jun-2003								
	CLASSIFICATION: <Unknown>								
	PRIOR APPLICATION DATA:								
	APPLICATION NUMBER: US/09/155.885A								
	FILING DATE: 08-Oct-1998								
	APPLICATION NUMBER: PCT/EP97/02002								
	FILING DATE: 21-APR-1997								
	APPLICATION NUMBER: EP 96870053.4								
	FILING DATE: 19-APR-1996								
	ATTORNEY/AGENT INFORMATION:								

```

NAME: SADOFF, B. J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-10-453-792-48

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      4722 GCCCAGGCTTGAGAGC 4737
Db      2 GCACAGGCTTGAGAGC 17

RESULT 2354
US-10-333-429-445
; Sequence 445, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent .pm
; SEQ ID NO 445
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-44259 for SEQ 103, in compleme
US-10-333-429-445

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      3268 AGATTGTTAAGAG 3283
Db      1 AGATTGTTAAGAG 16

RESULT 2355
US-10-138-316-69/C
; Sequence 69, Application US/10138316
; Publication No. US20030054380A1
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanginetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN IOT GENE

```

```
FILE REFERENCE: 2323-162
CURRENT APPLICATION NUMBER: US/10/138,316
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: 09/444,295
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/135,020
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 69
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-138-316-69
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3020 GTCCATCTGGCCCTG 3035
Db      17  GTCCACCTGGCCCTG 2
```

```
RESULT 2356
US-10-071-179-117
Sequence 117, Application US/100711179
Publication No. US20030108882A1
GENERAL INFORMATION:
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: GENSET.031A
CURRENT APPLICATION NUMBER: US/10/071,179
CURRENT FILING DATE: 2002-02-07
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/345,882
PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 117
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-143-101.misl
US-10-071-179-117
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3627 GGGGGTGGGAGAGAG 3642
Db      1  GGGGGTGGGAGAGAG 16
```

```
RESULT 2357
US-10-126-704-117
Sequence 117, Application US/10126704
```

```
Publication No. US20030170647A1
GENERAL INFORMATION:
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
FILE REFERENCE: 44.US.01V
CURRENT APPLICATION NUMBER: US/10/126,704
CURRENT FILING DATE: 2002-04-20
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 117
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 5-143-101.misl
US-10-126-704-117
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3627 GGGGGTGGGAGAGAG 3642
Db      1  GGGGGTGGGAGAGAG 16
```

```
RESULT 2358
US-10-368-643-69/c
Sequence 69, Application US/10368643
Publication No. US20030170708A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curtan, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-163
CURRENT APPLICATION NUMBER: US/10/368,643
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 09/597,731
PRIOR FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: US 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: US 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: US 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: US 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: US 60/019,014
NUMBER OF SEQ ID NOS: 116
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 69
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-368-643-69
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

      1 FILING DATE: 14-Feb-2001
      2 APPLICATION NUMBER: PCT/GB98/01102
      3 FILING DATE: 15-APR-1998
      4 APPLICATION NUMBER: US 60/043,553
      5 FILING DATE: 15-APR-1997
      6 APPLICATION NUMBER: US 60/048,740
      7 FILING DATE: 05-JUN-1997
      8 ATTORNEY/AGENT INFORMATION:
      9 NAME: B.J. Sadoff
     10 REGISTRATION NUMBER: 36,663
     11 REFERENCE/DOCKET NUMBER: 620-81
     12 TELECOMMUNICATION INFORMATION:
     13 TELEPHONE: (703) 816-4091
     14 TELEFAX: (703) 816-4100
     15 INFORMATION FOR SEQ ID NO: 54:
     16 SEQUENCE CHARACTERISTICS:
     17 LENGTH: 19 base pairs
     18 TYPE: nucleic acid
     19 STRANDEDNESS: single
     20 TOPOLOGY: linear
     21 SEQUENCE DESCRIPTION: SEQ ID NO: 54:
     22 US-10-331-907-54
     23
     24 Query Match      0.2%  Score 14.4;  DB 1;  Length 19;
     25 Best Local Similarity 93.8%  Pred. No. 1.4e+03;
     26 Matches 15;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
     27
     28 Oy      1852  GTGAAGAACGTGCTCA 1867
     29      ||| ||||| |||||
     30 Db      1  GTGCAGAACGTGCTCA 16
     31
     32 RESULT 2361
     33 US-10-349-143-5006
     34 Sequence 5006, Application US/10349143
     35 Publication No. US20040005584A1
     36 GENERAL INFORMATION:
     37 APPLICANT: Cohen, Daniel
     38 APPLICANT: Blumenfeld, Marla
     39 APPLICANT: Chumakov, Ilya
     40 TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
     41 FILE REFERENCE: GENSET.020C91
     42 CURRENT FILING DATE: US/10/349,143
     43 PRIOR FILING DATE: 2003-01-21
     44 PRIOR APPLICATION NUMBER: US/09/422,978
     45 PRIOR FILING DATE: 1999-10-20
     46 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
     47 PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
     48 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
     49 PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
     50 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
     51 PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
     52 NUMBER OF SEQ ID NOS: 11796
     53 SEQ ID NO 5006
     54 LENGTH: 19
     55 TYPE: DNA
     56 ORGANISM: Homo Sapiens
     57 FEATURE:
     58 NAME/KEY: primer_bind
     59 LOCATION: 1..19
     60 OTHER INFORMATION: upstream amplification primer 99-2024 for SEQ 1072,
     61 US-10-349-143-5006
     62
     63 Query Match      0.2%  Score 14.4;  DB 1;  Length 19;
     64 Best Local Similarity 93.8%  Pred. No. 1.4e+03;
     65 Matches 15;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
     66
     67 Oy      3993  ACAAAAACCTTAGG 4008
     68      ||||| ||||| |||||
     69 Db      4  ACAAAAACCTTTGG 19
  
```

```
US-10-349-143-6457/c
; Sequence 6457, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6457
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-11580 for SEQ 2523.
US-10-349-143-6457

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3269 GATTGTTTAAGAGA 3284
Db      17  GATTGTTTAAGACGA 2

RESULT 2363
US-10-349-143-8352
; Sequence 8352, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8352
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-1490 for SEQ 487, in complement
US-10-349-143-8352

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      312  GAACCATCAAGCTC 327
Db      1    GAACCATCAAGCTC 16

RESULT 2364
US-10-280-183A-592
; Sequence 592, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shantu
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 592
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-592

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1842 GTGTGTGACGTGAAG 1857
Db      4    GTGGGTGACGTGAAG 19

RESULT 2365
US-09-808-358-18/c
; Sequence 18, Application US/09808358
; Patent No. US20010031471A1
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; PRIOR FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to tdh2 or
US-09-808-358-18

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6682 TTATTTTATTTATAT 6697
```

Db 20 TCAATTTTATATAT 5

RESULT 2366
US-09-808-358-44/c
Sequence 44, Application US/09808358
Patent No. US20010031471A1
GENERAL INFORMATION:
APPLICANT: TOSOH CORPORATION
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
FILE REFERENCE: 200-2496
CURRENT APPLICATION NUMBER: US/09/808,358
CURRENT FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-808-358-44

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6682 TTATTTTATTTATAT 6697
Db 20 TCATTTTATTTATAT 5

RESULT 2367
US-09-193-538-14/c
Sequence 14, Application US/09193538A
Patent No. US20020037503A1
GENERAL INFORMATION:
APPLICANT: Patricia Billing-Nedel
APPLICANT: Maurice Cohen
APPLICANT: Tracey L. Colpitts
APPLICANT: Paula N. Friedman
APPLICANT: Julian Gordon
APPLICANT: Edward N. Granados
APPLICANT: Steven C. Hodges
APPLICANT: Michael R. Klase
APPLICANT: Jon D. Kratochvil
APPLICANT: Lisa Roberts-Rapp
APPLICANT: John C. Russell
APPLICANT: Stephen D. Stroupe
TITLE OF INVENTION: Reagents and Methods Useful for Detecting Diseases of the
TITLE OF INVENTION: Breast
FILE REFERENCE: 6193.US.P1
CURRENT APPLICATION NUMBER: US/09/193,538A
CURRENT FILING DATE: 1998-11-17
EARLIER APPLICATION NUMBER: US 08/971,772
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-193-538-14

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5126 CTACTTCGTGTCTGT 5141
Db 20 CTACATCGGTCTCT 5

RESULT 2368
US-09-973-959-2
Sequence 2, Application US/09973959
Patent No. US20020068297A1
GENERAL INFORMATION:
APPLICANT: HAYNES, BARRON F.
APPLICANT: SEMOWSKI, GREGORY D.
APPLICANT: LIAO, HUA-XIN
TITLE OF INVENTION: ASSAY SYSTEM
FILE REFERENCE: 1579-617
CURRENT APPLICATION NUMBER: US/09/973,959
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 60/239,092
PRIOR FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-973-959-2

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1687 TATGCACAGGGGCGAG 1702
Db 2 TATGCACAGGGTGCAG 17

RESULT 2369
US-09-416-384A-17
Sequence 17, Application US/09416384A
Patent No. US20020081584A1
GENERAL INFORMATION:
APPLICANT: BLUMENFELD, Marta
APPLICANT: BOUGUELERET, Lydie
APPLICANT: CHIMAKOV, Ilya
APPLICANT: COHEN, Daniel
APPLICANT: ESTIOUX, Laurent
TITLE OF INVENTION: Genes, proteins and biallelic markers related to central....
FILE REFERENCE: GENSET.045AUS
CURRENT FILING DATE: 1999-10-12
CURRENT APPLICATION NUMBER: US/09/416,384A
PRIOR APPLICATION NUMBER: 60/106,457
PRIOR FILING DATE: 1999-10-30
PRIOR APPLICATION NUMBER: 60/103,955
PRIOR FILING DATE: 1998-10-12
PRIOR APPLICATION NUMBER: 60/132,277
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 71
SOFTWARE: Patent.pm
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide Scgpolya
US-09-416-384A-17

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4471 TTTTGTGTC 4486
Db 1 TTTTGTGTC 16

```
RESULT 2370
US-09-969-373-2962
; Sequence 2962, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eiferitz, Roger J.
; APPLICANT: Haughe, Brian M.
; TITLE OF INVENTION: Soybean SSR and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2962
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2962

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2369 ATGAGCGAATTGGGAA 2384
Db 4 ATGAGAGATTGGGA 19
|||||
|||||

RESULT 2371
US-09-797-779-8
; Sequence 8, Application US/09797779
; Patent No. US20020137676A1
; GENERAL INFORMATION:
; APPLICANT: The University of British Columbia; and QLT Photo Therapeutics Inc.
; TITLE OF INVENTION: SELECTIVE TREATMENT OF ENDOTHELIAL SOMATOSTATIN RECEPTORS
; FILE REFERENCE: 24969-20011.00
; CURRENT APPLICATION NUMBER: US/09/797,779
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: PCT/CA 99/008800
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: CA 2,246,791
; PRIOR FILING DATE: 1998-09-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Human SSTR4 primer
US-09-797-779-8

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4522 AGAAGTGTGTCTCT 4537
Db 4 AGAAGTGTGTCTCT 19
|||||
|||||

RESULT 2372
US-09-263-959-596
; Sequence 596, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
```

```
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SRO ID NO: 596:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-596

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6683 TATTTATTTATATA 6698
Db 5 TATTTATTTATATA 20
|||||
|||||

RESULT 2373
US-09-964-261-84
; Sequence 84, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-84

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGACCCCGAGCCCT 2732
```

Db 2 GCGGAGACCGAGACCCT 19

RESULT 2374
US-09-824-322B-221/c
; Sequence 221, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALFA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTTGAGAG 4526
DB 16 TGCAGACTTGAGAG 1

RESULT 2375
US-09-824-322B-366/c
; Sequence 366, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALFA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTTGAGAG 4526

Db 18 TGCAGACTTGAGAG 3

RESULT 2376
US-09-232-785-206
; Sequence 206, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1818US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 206
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-206

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4070 TGCAGAAATTTGGANA 4085
DB 3 TGCAGAAATTTGGANA 18

RESULT 2377
US-09-784-674-727
; Sequence 727, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 2080
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: No. US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 727:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 727:
US-09-784-674-727

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCTTTC 5713
|||||
Db 5 TTTTCCCTTCTTTC 20

RESULT 2378
US-09-865-993-31
Sequence 31, Application US/09865993
Publication No. US20030060437A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
FILE REFERENCE: RFS-0175
CURRENT FILING DATE: 2001-05-25
CURRENT APPLICATION NUMBER: US/09/865,993
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-993-31

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1192 CAAGTTGGCCAGAAC 1207
|||||
Db 2 CAAGTTGGCCAGAAC 17

RESULT 2379
US-09-972-473-33/C
Sequence 33, Application US/09972473
Publication No. US20030068312A1
GENERAL INFORMATION:
APPLICANT: McCarthy, Sean A.
TITLE OF INVENTION: NOVEL HUMAN DICKKOPF-RELATED PROTEIN AND NUCLEIC ACID
FILE REFERENCE: MN-108CP2
CURRENT FILING DATE: 2001-10-04
CURRENT APPLICATION NUMBER: US/09/972,473
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: 09/263,022
PRIOR FILING DATE: 1997-04-16
PRIOR APPLICATION NUMBER: 08/843,704
PRIOR FILING DATE: 1997-04-16
PRIOR APPLICATION NUMBER: 08/842,898
PRIOR FILING DATE: 1997-04-17
PRIOR APPLICATION NUMBER: 60/071,589
PRIOR FILING DATE: 1998-01-15
PRIOR APPLICATION NUMBER: 09/009,802
PRIOR FILING DATE: 1998-01-20

NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-972-473-33

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7368 ATCCGACAGCTGTAA 7383
|||||
Db 19 ATCCGACAGCTGTAA 4

RESULT 2380
US-09-296-264-19
Sequence 19, Application US/09296264
Publication No. US20030083274A1
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: LEE, Yoon S.
TITLE OF INVENTION: METHODS OF USING SAME TO MODULATE CELL GROWTH
FILE REFERENCE: 032396-043
CURRENT APPLICATION NUMBER: US/09/296,264
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 60/082,791
EARLIER FILING DATE: 1998-04-23
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-296-264-19

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5723 CTTTGCTGCTTCT 5738
|||||
Db 1 CATTGCTGCTTCT 16

RESULT 2381
US-10-637-935-16
Sequence 16, Application US/10637935
Publication No. US20040033525A1
GENERAL INFORMATION:
APPLICANT: Monforte, Joseph A.
APPLICANT: Pollart, Daniel J.
TITLE OF INVENTION: Releasable No. US20040033525A1 volatile Mass-Label Molecules
FILE REFERENCE: 24736-2057E
CURRENT FILING DATE: 2003-08-07
CURRENT APPLICATION NUMBER: US/10/637,935
PRIOR FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: US 10/202,189
PRIOR FILING DATE: 1997-12-10
PRIOR APPLICATION NUMBER: US 08/988,024
PRIOR FILING DATE: 1996-12-10
PRIOR APPLICATION NUMBER: US 60/033,037
PRIOR FILING DATE: 1997-05-16
PRIOR APPLICATION NUMBER: US 60/046,719
NUMBER OF SEQ ID NOS: 36


```
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-16
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2382
US-10-637-935-26
/ Sequence 26, Application US/10637935
/ Publication No. US20040033525A1
/ GENERAL INFORMATION:
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ APPLICANT: Pollart, Daniel J.
/ APPLICANT: Shaler, Thomas A.
/ TITLE OF INVENTION: Releasable No. US20040033525A1 volatile Mass-Label Molecules
/ FILE REFERENCE: 24736-2057E
/ CURRENT APPLICATION NUMBER: US/10/637,935
/ PRIOR FILING DATE: 2003-08-07
/ PRIOR APPLICATION NUMBER: US 10/202,189
/ PRIOR FILING DATE: 2002-07-22
/ PRIOR APPLICATION NUMBER: US 08/988,024
/ PRIOR FILING DATE: 1997-12-10
/ PRIOR APPLICATION NUMBER: US 60/033,037
/ PRIOR FILING DATE: 1996-12-10
/ PRIOR APPLICATION NUMBER: US 60/046,719
/ PRIOR FILING DATE: 1997-05-16
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-26
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2383
US-10-637-935-27
/ Sequence 27, Application US/10637935
```

```
/ Publication No. US20040033525A1
/ GENERAL INFORMATION:
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ APPLICANT: Pollart, Daniel J.
/ APPLICANT: Shaler, Thomas A.
/ TITLE OF INVENTION: Releasable No. US20040033525A1 volatile Mass-Label Molecules
/ FILE REFERENCE: 24736-2057E
/ CURRENT APPLICATION NUMBER: US/10/637,935
/ PRIOR FILING DATE: 2003-08-07
/ PRIOR APPLICATION NUMBER: US 10/202,189
/ PRIOR FILING DATE: 2002-07-22
/ PRIOR APPLICATION NUMBER: US 08/988,024
/ PRIOR FILING DATE: 1997-12-10
/ PRIOR APPLICATION NUMBER: US 60/033,037
/ PRIOR FILING DATE: 1996-12-10
/ PRIOR APPLICATION NUMBER: US 60/046,719
/ PRIOR FILING DATE: 1997-05-16
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-27
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2384
US-10-407-846-13/c
/ Sequence 13, Application US/10407846
/ Publication No. US20040038258A1
/ GENERAL INFORMATION:
/ APPLICANT: HARLEY, JOHN B.
/ APPLICANT: KAUFMAN, KENNETH M.
/ TITLE OF INVENTION: METHODS FOR DETECTING DNA POLYMORPHISMS
/ FILE REFERENCE: OMRF:010US
/ CURRENT APPLICATION NUMBER: US/10/407,846
/ PRIOR FILING DATE: 2003-04-04
/ PRIOR APPLICATION NUMBER: 60/376,360
/ PRIOR FILING DATE: 2002-04-23
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Primer
US-10-407-846-13
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6010 TTCTGCATTTTCCA 6025
      |||||
```

Db 20 TTTCGGATTTCGA 5

RESULT 2385

US-10-380-125-50
; Sequence 50, Application US/10380125
; Publication No. US20040048818A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RSP-0176
; CURRENT APPLICATION NUMBER: US/10/380,125
; PRIOR FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,679
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-50

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCGAGCTG 3396

Db 1 GCTCCTGCCCGAGCTG 16

RESULT 2386

US-10-380-125-51
; Sequence 51, Application US/10380125
; Publication No. US20040048818A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RSP-0176
; CURRENT APPLICATION NUMBER: US/10/380,125
; PRIOR FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,679
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-51

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCGAGCTG 3396

Db 3 GCTCCTGCCCGAGCTG 18

RESULT 2387

US-10-181-543-25/C
; Sequence 25, Application US/10181543
; Publication No. US20030211608A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Madeline M. Butler

; APPLICANT: Robert McKay

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRESSION

; FILE REFERENCE: RSP-0339

; CURRENT APPLICATION NUMBER: US/10/181,543

; PRIOR FILING DATE: 2002-07-18

; PRIOR APPLICATION NUMBER: 09/489,765

; NUMBER OF SEQ ID NOS: 85

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-543-25

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGTCTCTGA 2554

Db 18 GAGCTCCAGTCTCTGA 3

RESULT 2388

US-10-282-174-4
; Sequence 4, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Veliceladi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-4

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3025 ATCTGACCTGACCC 3040
|||
Db 2 ATGTGACCTGACCC 17

RESULT 2389
US-10-364-748-60
; Sequence 60, Application US/10364748
; Publication No. US20030224968A1
; GENERAL INFORMATION:
; APPLICANT: Pink, John K.
; APPLICANT: Zhao, Xinding
; TITLE OF INVENTION: Atlastin
; FILE REFERENCE: UM-07745
; CURRENT APPLICATION NUMBER: US/10/364,748
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-364-748-60

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTT 4478
|||
Db 3 CTTTTCTTTTTTTT 18

RESULT 2390
US-10-202-189-16
; Sequence 16, Application US/10202189
; Publication No. US20030022225A1
; GENERAL INFORMATION:
; APPLICANT: Montforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20030022225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-10-202-189-16

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1603 GTGCTCAAGAACTTCA 1618
|||
Db 2 GTGCTCAAGAACTACA 17

RESULT 2391
US-10-202-189-26
; Sequence 26, Application US/10202189
; Publication No. US20030022225A1
; GENERAL INFORMATION:
; APPLICANT: Montforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20030022225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-10-202-189-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
|||
Db 2 GTGCTCAAGAACTACA 17

RESULT 2392
US-10-202-189-27
; Sequence 27, Application US/10202189
; Publication No. US20030022225A1
; GENERAL INFORMATION:
; APPLICANT: Montforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20030022225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-10-202-189-27

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1603 GTGCTCAAGACTCA 1618
Db      2 GTGCTCAAGACTACA 17

RESULT 2393
US-10-085-906-340
; Sequence 340, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CE2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 340
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-340

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5827 TGAATCTCTGATGG 5842
Db      5 TCAATCTCTGATGG 20

RESULT 2394
US-10-147-354-17/C
; Sequence 17, Application US/10147354
; Publication No. US20030079235A1
; GENERAL INFORMATION:
; APPLICANT: Loralis Limited
; APPLICANT: Lamb, Jonathan Robert
; APPLICANT: Hoyne, Gerard Francis
; TITLE OF INVENTION: Immunotherapy
; FILE REFERENCE: 674525-2004
; CURRENT APPLICATION NUMBER: US/10/147,354
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: PCT/GB00/04391
```

```
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-147-354-17

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6853 GACTTGCTTCTCCCT 6868
Db      20 GACTTGCTTCTCCCT 5

RESULT 2395
US-10-205-841-20
; Sequence 20, Application US/10205841
; Publication No. US20030093226A1
; GENERAL INFORMATION:
; APPLICANT: Ashby, Matthew
; APPLICANT: Scherer, Stewart
; APPLICANT: Phillips, John
; APPLICANT: Ziman, Michael
; APPLICANT: Martini, Nicholas
; TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF REPORTER AND TARGET MOLECULES
; TITLE OF INVENTION: USING COMPREHENSIVE GENE EXPRESSION PROFILES
; FILE REFERENCE: 9301-187
; CURRENT APPLICATION NUMBER: US/10/205,841
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/540,806
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-205-841-20

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5418 TAAAGCAAGAGAT 5433
Db      4 TAAAGCAAGAGAT 19

RESULT 2396
US-10-226-355-48/C
; Sequence 48, Application US/10226355
; Publication No. US20030104436A1
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Mittman, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; Tag Nucleic Acids and Probe Arrays
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/226,355
FILING DATE: 23-Aug-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/626,285
FILING DATE: 04-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528X-017300US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-10-226-355-48

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6144 CCTGGCTTTGAGTGT 6159
DB      17 CCAGGTTTGAGTGT 2

RESULT 2397
US-10-007-010-43/c
Sequence 43, Application US/10007010
Publication No. US20030125275A1
GENERAL INFORMATION:
APPLICANT: Alexander H. Borchers
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
FILE REFERENCE: RTS-0345
CURRENT APPLICATION NUMBER: US/10/007,010
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-43

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5824 TGATCAATCTCTGCA 5839
DB      18 TGATCAAAACTCTGCA 3

RESULT 2398
US-10-006-191-129/c
Sequence 129, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
```

```
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 129
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-129

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5162 TCTCCTGGAGACAGTGG 5177
DB      19 TCTCCTGGAGACAGTGG 4

RESULT 2399
US-10-341-550-6
Sequence 6, Application US/10341550
Publication No. US20030162212A1
GENERAL INFORMATION:
APPLICANT: Kanjilal, Sagatika
TITLE OF INVENTION: Detection of a Genetic Predisposition to Cancers and No. US200301
FILE REFERENCE: 600,544US1
CURRENT APPLICATION NUMBER: US/10/341,550
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: US 60/347,757
PRIOR FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Felis catus
US-10-341-550-6

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      596 TCTCCATCAGTGCT 611
DB      3 TCTCCATCAGTGCT 18

RESULT 2400
US-10-218-969-47/c
Sequence 47, Application US/10218969
Publication No. US20030165916A1
GENERAL INFORMATION:
APPLICANT: Sealton, Stuart
APPLICANT: Yuen, Tony
APPLICANT: Mumbach, Elisa
TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling for High Content Drug
FILE REFERENCE: 2459-1-007N
CURRENT APPLICATION NUMBER: US/10/218,969
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/312,220
PRIOR FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: US 60/324,895
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 47
LENGTH: 20
```

TYPE: DNA
ORGANISM: Homo sapiens
US-10-218-969-47

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7411 ATCAGCAGCAGCA 7426
DB 17 ATCAGCAGCAGCA 2

RESULT 2401
US-10-204-653-15
Sequence 15, Application US/10204653
Publication No. US20030175898A1
GENERAL INFORMATION:
APPLICANT: Royal Brompton & Harefield NHS Trust
TITLE OF INVENTION: Biological material and uses thereof
FILE REFERENCE: ROYT/P24166US
CURRENT APPLICATION NUMBER: US/10/204,653
CURRENT FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: GB0004016.2
PRIOR FILING DATE: 22 February 2000
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Seqwin9
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-204-653-15

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4221 CTTGCTCTGTGCAGAT 4236
DB 5 CTTGCTCTGTGCAGAT 20

RESULT 2402
US-10-053-645A-3/c
Sequence 3, Application US/10053645A
Publication No. US20030176376A1
GENERAL INFORMATION:
APPLICANT: Robert E. Klem
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING A
TITLE OF INVENTION: CELL-PROLIFERATIVE DISORDER USING CRE DECOY OLIGOMERS, BCL-2
TITLE OF INVENTION: ANTISENSE OLIGOMERS, AND HYBRID OLIGOMERS THEREOF
FILE REFERENCE: 10412-022-999
CURRENT APPLICATION NUMBER: US/10/053,645A
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/263,244
PRIOR FILING DATE: 2001-01-22
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of artificial sequence: Synthetic Antisense
OTHER INFORMATION: Oligonucleotide
US-10-053-645A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGCTGGGTGTGTC 6895
DB 19 GAGCTGGGTGTGTC 4

RESULT 2403
US-10-238-442-76
Sequence 76, Application US/10238442
Publication No. US20030176383A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/10/238,442
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-238-442-76

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCCAGCATTTCAAGCC 458
DB 4 TCCAGCATTTCAAGCC 19

RESULT 2404
US-10-407-461-18/c
Sequence 18, Application US/10407461
Publication No. US20030176687A1
GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio
TITLE OF INVENTION: Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 200-2496
CURRENT APPLICATION NUMBER: US/10/407,461
CURRENT FILING DATE: 2003-04-04
PRIOR APPLICATION NUMBER: US/09/808,358
PRIOR FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide capable of binding specifically to tth2
OTHER INFORMATION: or
OTHER INFORMATION: RNA derived therefrom
US-10-407-461-18

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6682 TTATTTTATTATAT 6697

Db 20 TCA TTTTATTTATAT 5

RESULT 2405
US-10-407-461-44/C
; Sequence 44, Application US/10407461
; Publication No. US20030176687A1
; GENERAL INFORMATION:

```

: APPLICANT: TOSOH Corporation
: TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio
: TITLE OF INVENTION: Parahaemolyticus
: TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
: TITLE OF INVENTION: Oligonucleotides
: FILE REFERENCE: 200-2496
: CURRENT APPLICATION NUMBER: US/10/407,461
: CURRENT FILING DATE: 2003-04-04
: PRIOR APPLICATION NUMBER: US/09/808,358
: PRIOR FILING DATE: 2001-03-15
: NUMBER OF SEQ ID NOS: 48
: PRO DRUG: 44

```

OTHER INFORMATION: primer
US-10-407-461-44

Query Match	0.2%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 1.5e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

Qy	6682	TTATTTTATTTATAT	6697
Db	20	TCATTTTATTTATAT	5

RESULT 2406
US-10-147-329-17/c
; Sequence 17, Application US/10147329
; Publication No. US20030194804A1

```

1  APPLICANT: Lorenz Ltd
2  APPLICANT: Lamb, Jonathan Robert
3  APPLICANT: Hoyne, Gerard Francis
4  TITLE OF INVENTION: Immunotherapy
5  FILE REFERENCE: 674525-2004
6  CURRENT APPLICATION NUMBER: US/10/147,329
7  CURRENT FILING DATE: 2001-05-16
8  PRIOR APPLICATION NUMBER: PCT/GB00/04391
9  PRIOR FILING DATE: 2000-11-17
10 NUMBER OF SEQ ID NOS: 24
11 SOFTWARE: PatentIn version 3.1
12 SEQ ID NO 17
13 LENGTH: 20
14 TYPE: DNA
15 ORGANISM: Homo Sapiens
16 US-10-147-329-17

```

Query Match	0.2%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 1.5e+03;		
Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0

```

Qy      6853 GACTTGCCCTTCTCCCT 6868
          ||||| ||||| |||
Db      20 GACTTGGCTTCTCCCT 5

```

RESULT 2407
US-10-005-344-330/c
; Sequence 330, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

APPLICANT: Ioreen J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Manoj Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression
FILE REFERENCE: ISPH-0652
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ. ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 330
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-330

```

Query Match	0.2%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 1.5e+03;		
Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0

```

QY      998 GCCTGAAGGTGAAGT 1013
          |||||
Db      16  GCCTGAAGGTGGAGT 1

```

RESULT 2408
US-10-094-749-3359/c
Sequence 3359, Application US/10094749
Publication No. US20030219741A1
GENERAL INFORMATION:
APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: WAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUO
APPLICANT: YAMAMOTO, JUN-ICHI
APPLICANT: ISONO, YUUKO
APPLICANT: HINO, YURI
APPLICANT: OTSUKA, KAZUO
APPLICANT: NAGAI, KEIICHI
APPLICANT: IRIE, KYOTARO
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SEKI, NAOHICO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOTAKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FILM-LENGTH CDNA
FILE REFERENCE: 084335/0160
CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3359

OTHER INFORMATION: Description of Artificial Sequence: an artificially

OTHER INFORMATION: synthesized primer sequence
US-10-094-749-3359

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3693 CAGCTATTTGCATT 3708
DB 16 CAGCAATTTGCATT 1

RESULT 2409

US-10-094-749-3372/c
Sequence 3372, Application US/10094749
Publication No. US20030219741A1

GENERAL INFORMATION:
APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: WAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUKO
APPLICANT: YAMAMOTO, JUN-ICHI
APPLICANT: ISONO, YUUKO
APPLICANT: HIO, YURI
APPLICANT: OTSUKA, KAORU
APPLICANT: NAGAI, KEIICHI
APPLICANT: IRIE, RYOTARO
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SEKI, NAOHICO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOKUKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
CURRENT FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3372
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: an artificially
OTHER INFORMATION: synthesized primer sequence
US-10-094-749-3372

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3693 CAGCTATTTGCATT 3708
DB 16 CAGCAATTTGCATT 1

RESULT 2410

US-10-403-090-5/c
Sequence 5, Application US/10403090
Publication No. US20030219811A1

GENERAL INFORMATION:
APPLICANT: MASUDA, NORIYOSHI
APPLICANT: YASUKAWA, KIYOSHI
APPLICANT: ISHIGURO, TAKAHICO
TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF ATYPICAL MYCOBACTERIA MYCOBACTER
TITLE OF INVENTION: AVIUM AND DETECTION METHOD

FILE REFERENCE: 236060US0
CURRENT APPLICATION NUMBER: US/10/403,090
CURRENT FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: JP 2002-099840
PRIOR FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-10-403-090-5

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 284 CTCGCCGCGCTGGCAT 299
DB 18 CTCGCCGCGCTGGCAT 3

RESULT 2411

US-10-403-090-23/c
Sequence 23, Application US/10403090
Publication No. US20030219811A1

GENERAL INFORMATION:
APPLICANT: MASUDA, NORIYOSHI
APPLICANT: YASUKAWA, KIYOSHI
APPLICANT: ISHIGURO, TAKAHICO
TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF ATYPICAL MYCOBACTERIA MYCOBACTER
TITLE OF INVENTION: AVIUM AND DETECTION METHOD
FILE REFERENCE: 236060US0
CURRENT APPLICATION NUMBER: US/10/403,090
CURRENT FILING DATE: 2003-04-01
PRIOR APPLICATION NUMBER: JP 2002-099840
PRIOR FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-10-403-090-23

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2164 TTCTACAGTCCACCC 2179
DB 17 TTCTACAGTCCACCC 2

RESULT 2412

US-10-323-069A-55/c
Sequence 55, Application US/10323069A
Publication No. US20030228328A1

GENERAL INFORMATION:
APPLICANT: Hardham, John M.
APPLICANT: King, Kendall W.
TITLE OF INVENTION: VACCINE FOR PERIODONTAL DISEASE
FILE REFERENCE: PC11864A
CURRENT APPLICATION NUMBER: US/10/323,069A
CURRENT FILING DATE: 2002-12-18
NUMBER OF SEQ ID NOS: 137
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 55
LENGTH: 20


```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PZ211-AP2
US-10-174-460-95

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3165 TGGTAGGTTGGGTT 3180
DB 19 TGGTAGGTTGGGTT 4

RESULT 2413
US-10-174-460-48/c
; Sequence 48, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-48

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3218 TGGGTGGAGAGAGGA 3233
DB 16 TGGGTGGAGAGAGGA 1

RESULT 2414
US-10-174-460-99
; Sequence 99, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; PEATRE:
US-10-174-460-99

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3218 TGGGTGGAGAGAGGA 3233
DB 5 TGGGTGGAGAGAGGA 20
```

```

RESULT 2415
US-10-174-456-12
; Sequence 12, Application US/10174456
; Publication No. US20030235910A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION
; FILE REFERENCE: RTS-0374
; CURRENT APPLICATION NUMBER: US/10/174,456
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-456-12

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7422 CAGCAGCAGCAGCACA 7437
DB 5 CAGCAGCAGCAGCACA 20

RESULT 2416
US-10-174-456-90/c
; Sequence 90, Application US/10174456
; Publication No. US20030235910A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preier
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION
; FILE REFERENCE: RTS-0374
; CURRENT APPLICATION NUMBER: US/10/174,456
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-456-90

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7422 CAGCAGCAGCAGCACA 7437
DB 16 CAGCAGCAGCAGCACA 1

RESULT 2417
US-10-187-659A-22/c
; Sequence 22, Application US/10187659A
; Publication No. US20040002152A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION
; FILE REFERENCE: RTS-0379
; CURRENT APPLICATION NUMBER: US/10/187,659A
; CURRENT FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-187-659A-22

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2289 GGAAGAGACTACGAG 2304
DB      20  GGAAGAGGCTACCGAG 5

RESULT 2418
US-10-349-143-5670
; Sequence 5670, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5670
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-6051 for SEQ 1736,
US-10-349-143-5670

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4944 CCTTACTTTTCTCT 4959
DB      1  CCTTACTTTTCTCT 16

RESULT 2419
US-10-349-143-9656
; Sequence 9656, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-6435 for SEQ 1791, in complemer
US-10-349-143-9656

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6079 TCTTTTCTCTTACC 6094
DB      2  TCTTTTCTCTTACC 17

RESULT 2420
US-10-289-762-1513/C
; Sequence 1513, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; FILE REFERENCE: 9710-003-999
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1513
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1513

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6725 AGCTGATATCTTCC 6740
DB      16  AGCTGATATCTTCC 1

RESULT 2421
US-10-289-762-1915/C
; Sequence 1915, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; FILE REFERENCE: 9710-003-999
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1915
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1915

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7463 TGCGTTATTTGTA 7478
DB      1  TGCGTTATTTGTA 1
```

Db 18 TGCGCTTATTTCTTA 3

RESULT 2422
US-10-289-762-3250/c
; Sequence 3250, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3250

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6380 GTTCCTTAAAGCTC 6395
| | | | | | | | | | | | | | | | | | | | | |
Db 17 CCTCCCTAAAGCTC 2

RESULT 2423
US-10-289-762-3452/c
; Sequence 3452, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3452
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3452

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2157 CATCAATTCTACAG 2172
| | | | | | | | | | | | | | | | | | | | | |
Db 19 CATCAATTCTACAG 4

RESULT 2424
US-10-289-762-3870/c
; Sequence 3870, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3870

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3870

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 973 GTTCCTTACCAAG 988
| | | | | | | | | | | | | | | | | | | | | |
Db 16 GTTCCTTACCAAG 1

RESULT 2425
US-10-189-429-65/c
; Sequence 65, Application US/10189429
; Publication No. US20040009597A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRK EXPRESSION
; FILE REFERENCE: R1S-0366
; CURRENT APPLICATION NUMBER: US/10/189,429
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-429-65

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5659 ATCTCTTAGTTGGGT 5674
| | | | | | | | | | | | | | | | | | | | | |
Db 18 ATCATCTTAGTTGGGT 3

RESULT 2426
US-10-210-429-12
; Sequence 12, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: P1S-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-429-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6522 TGACTATTAAGCTGGCC 6537
| | | | | | | | | | | | | | | | | | | | | |
Db 2 TGACTATTAAGCTGGCC 17

RESULT 2427

```
US-10-210-429-84/c
; Sequence 84, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-429-84

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6522 TGACTATTAGCTGCC 6537
Db      19  TGACTATAAGCTGCC 4

RESULT 2428
US-10-210-838-45/c
; Sequence 45, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanoc
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-45

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2082 CTGTGCTACTGTGCGG 2097
Db      17  CTGTGCTACCGTGG 2

RESULT 2429
US-10-210-838-150
; Sequence 150, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanoc
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 150

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-211-908-30
; Sequence 30, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: PTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-908-30

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2526 TTTCACGACGAGATGAG 2541
Db      5    TTTCACGAGAGATGAG 20

RESULT 2431
US-10-211-908-100/c
; Sequence 100, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: PTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-211-908-100

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2526 TTTCACGACGAGATGAG 2541
Db      16  TTTCACGAGAGATGAG 1

RESULT 2432
```

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US-10-239-176-14
; Sequence 14, Application US/10239176
; Publication No. US20040086856A1
; GENERAL INFORMATION:
; APPLICANT: TAKAHASHI, MASAYOSHI
; APPLICANT: OKADA, JUN
; APPLICANT: HASHIMOTO, KOJI
; TITLE OF INVENTION: NUCLEIC ACID PROBE-IMMOBILIZED SUBSTRATE AND METHOD OF
; FILE REFERENCE: 228763US08DPCT
; CURRENT APPLICATION NUMBER: US/10/239,176
; PRIOR FILING DATE: 2003-03-19
; PRIOR APPLICATION NUMBER: PCT/JP02/08670
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP 2002-218644
; PRIOR FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-239-176-14

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946
DB 5 CTTTCTCCCTTGATG 20

RESULT 2433
US-10-293-998-29/c
; Sequence 29, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-998-29

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1881 GACTCTGTCCACCTC 1896
DB 20 GACTCTGTCCACCTC 5

RESULT 2434
US-10-293-998-66
; Sequence 66, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
```

```
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-998-66

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1881 GACTCTGTCCACCTC 1896
DB 1 GACTCTGTCCACCTC 16

RESULT 2435
US-10-298-404-47/c
; Sequence 47, Application US/10298404
; Publication No. US20040097443A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JERKY-LIKE 1 EXPRESSION
; FILE REFERENCE: HTS-0011
; CURRENT APPLICATION NUMBER: US/10/298,404
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-404-47

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3019 TGTCAATCTGGCCCT 3034
DB 20 TGTCAATCTGGCCCT 5

RESULT 2436
US-10-298-404-79
; Sequence 79, Application US/10298404
; Publication No. US20040097443A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JERKY-LIKE 1 EXPRESSION
; FILE REFERENCE: HTS-0011
; CURRENT APPLICATION NUMBER: US/10/298,404
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-404-79

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3019 TGTCAATCTGGCCCT 3034
DB 1 TGTCAATCTGGCCCT 16

RESULT 2437
```

```
US-10-302-571-39/c
; Sequence 39, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-571-39

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6043 GAGCTGGTTCTCTCA 6058
Db      16 GAGATGGTTCTCTCA 1

RESULT 2438
US-10-302-571-47
; Sequence 47, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-571-47

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      865 TCAGCCACTGCTTTT 880
Db      1 TCAGCCTCTGCTTTT 16

RESULT 2439
US-10-302-571-77/c
; Sequence 77, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 77

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-571-77

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      865 TCAGCCACTGCTTTT 880
Db      20 TCAGCCTCTGCTTTT 5

RESULT 2440
US-10-648-593-328
; Sequence 328, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 328
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-648-593-328

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2747 AGGTTACCCAGATAC 2762
Db      2 AGGTTACCCAGACAC 17

RESULT 2441
US-10-317-401-29
; Sequence 29, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-401-29

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3352 TGTAGGAAGATTTT 3367
Db      4 TGTAGGAAGATTTCTT 19
```

```
RESULT 2442
US-10-317-401-97/c
; Sequence 97, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-401-97

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3352 TGTAGAGATTCTT 3367
DB 17 TGTAGAGATTCTT 2

RESULT 2443
US-10-319-893-64
; Sequence 64, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-319-893-64

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5296 CTCGAGCAACAAGTT 5311
DB 3 CTCGAGCAACAAGTT 18

RESULT 2444
US-10-319-893-139/c
; Sequence 139, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
```

```
; FEATURE:
US-10-319-893-139

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5296 CTCGAGCAACAAGTT 5311
DB 18 CTCGAGCAACAAGTT 3

RESULT 2445
US-10-671-395-112/c
; Sequence 112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
US-10-671-395-112

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3814 TGCTGATGACAGGC 3829
DB 16 TGCTGATGACAGGC 1

RESULT 2446
US-10-671-395-157/c
; Sequence 157, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
US-10-671-395-157

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


;; CURRENT APPLICATION NUMBER: US/10/728,399
;; CURRENT FILING DATE: 2003-12-05
;; NUMBER OF SEQ ID NOS: 627
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 400
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: human mitochondrion antiseense
US-10-728-399-400

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTGTGTGTGTGTGT 4479
DB 1 TTTTGTGTGTGTGT 16

RESULT 2452
US-10-652-795-221/c
; Sequence 221, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526
DB 16 TGCAGACTGAGAG 1

RESULT 2453
US-10-652-795-366/c
; Sequence 366, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29

;; PRIOR APPLICATION NUMBER: US/09/824,322B
;; PRIOR FILING DATE: 2001-04-02
;; PRIOR APPLICATION NUMBER: US 09/313,932
;; PRIOR FILING DATE: 1999-05-18
;; PRIOR APPLICATION NUMBER: US 09/166,186
;; PRIOR FILING DATE: 1998-10-05
;; NUMBER OF SEQ ID NOS: 503
;; SEQ ID NO 366
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-652-795-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526
DB 18 TGCAGACTGAGAG 3

RESULT 2454
US-10-647-918-221/c
; Sequence 221, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; PRIOR FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526
DB 16 TGCAGACTGAGAG 1

RESULT 2455
US-10-647-918-366/c
; Sequence 366, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-29

```
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-366
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      4511 TGCAGACTGGAGAG 4526
Db      18  TGCAGACTTGAGAG 3
```

```
RESULT 2456
US-10-641-455A-76
; Sequence 76, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-76
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      443 TCCAGCATTTCAAGCC 458
Db      4  TCCAGCAGTTCAAGCC 19
```

```
RESULT 2457
US-09-921-398-21
; Sequence 21, Application US/09921398
; Patent No. US20020055169A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/921,398
; FILING DATE: 02-Aug-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-921-398-21
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Oy      7364 AATTATCCAGCAGCT 7379
Db      6  AATTATCCAGCAGCT 21
```

```
RESULT 2458
US-09-782-837-13
; Sequence 13, Application US/09782837
; Patent No. US20020127714A1
; GENERAL INFORMATION:
; APPLICANT: HOSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; TITLE OF INVENTION: CHANGES
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: DNA excision repair protein ERCC5
; OTHER INFORMATION: The letter "r" stands for g or a.
```

US-09-782-837-13

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5420 AAACGACGAGATCAGC 5437
|||||
3 AAAGGAATGATCATCAGC 20

RESULT 2459

US-09-964-261-85
; Sequence 85, Application US/09964261
; Publication No. US20020197613A1

GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombaut, Annelies
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGT-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-85

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGAGCCCCGAGCCCT 2732
|||||
3 GCGGAGCYCCGAGACCT 20

RESULT 2460

US-09-771-933-202
; Sequence 202, Application US/09771933
; Publication No. US20030023387A1

GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 202
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-771-933-202

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7204 GTTTCACCTTAGTTT 7219
|||||

DB 6 GTTTCACCTTAGTGT 21

RESULT 2461

US-10-617-334-188
; Sequence 188, Application US/10617334
; Publication No. US20040058869A1

GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-188

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TCTACCGAGATGGGT 2219
|||||
6 TCTACCGAGATGGGT 21

RESULT 2462

US-10-060-759A-4/C
; Sequence 4, Application US/10060759A
; Publication No. US20030018014A1

GENERAL INFORMATION:
; APPLICANT: Lerner, Adam
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHRONIC LYMPHOCYTIC
; FILE REFERENCE: 701586/50174-DIV
; CURRENT APPLICATION NUMBER: US/10/060,759A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: 09/423,349
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: PCT/US99/21518
; PRIOR FILING DATE: 1999-09-17
; PRIOR APPLICATION NUMBER: 60/101,721
; PRIOR FILING DATE: 1998-09-24
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: human
US-10-060-759A-4

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 GACAGATGAGAGGAA 1040
|||||
19 GCGAGATGAGAGGAA 4

RESULT 2463
US-10-325-810-470/c
Sequence 470, Application US/10325810
Publication No. US20030204069A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325, 810
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181
FILING DATE: 29-Sep-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-Oct-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-Apr-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-Apr-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-May-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-May-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-Oct-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note= "K322 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 470:
US-10-325-810-470

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3537 TTCGCCCGCTGTGG 3552
DB 20 TTCGCCCGCTGTGG 5
RESULT 2464
US-10-032-924-77
Sequence 77, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
Leubner, James
Dunn, James W.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
US-10-032-924-77
Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3131 GTAAAGTCAACTGTGT 3146
DB 2 GTAAAGTCAACTGTGT 17

RESULT 2465
US-10-280-826-21
Sequence 21, Application US/10280826
Publication No. US2003007831A1
GENERAL INFORMATION:
APPLICANT: Tekamp-Olson, Patricia
TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
STREET: 3605 Glenwood Ave. Suite 310
CITY: Raleigh
STATE: NC
COUNTRY: US
ZIP: 27622
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/280,826
FILING DATE: 25-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/989,251
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sprull, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 5784-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 420 2202
TELEFAX: 919 881 3175
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-280-826-21

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7364 AATTATCCAGCAGCT 7379
DB 6 AATTATCCAGCAGCT 21

RESULT 2466
US-10-271-887-12/c
Sequence 12, Application US/10271887
Publication No. US20030087871A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
FILE REFERENCE: RTS-0183
CURRENT APPLICATION NUMBER: US/10/271,887
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/659,845A
PRIOR FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 12
LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: y
OTHER INFORMATION: PCR Primer
US-10-271-887-12

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1846 GTGCAGGTGAGAGACG 1861
DB 16 GTGCAGGTGAGAGACG 1

RESULT 2467
US-10-044-692-237/c
Sequence 237, Application US/10044692
Publication No. US20030096344A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,692
FILING DATE: 11-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 237:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 237;
US-10-044-692-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3537 TTCCGCCCGCTGTGG 3552
Db 20 TTCCGCCCGCTGTGG 5

RESULT 2468

US-10-044-539-237/c
; Sequence 237, Application US/10044539
; Publication No. US2003010093A1

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.

Lingner, Joachim

Nakamura, Toru

Chapman, Karen B.

Morlin, Gregg B.

Harley, Calvin

Andrews, William H.

TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS

NUMBER OF SEQUENCES: 335

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, 8th Floor

CITY: San Francisco

STATE: California

COUNTRY: United States of America

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/044,539

FILING DATE: 11-Jan-2002

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/912,951

FILING DATE: <unknown>

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph T.

REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 015389-002600US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 237:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 237:

US-10-044-539-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3537 TTCCGCCCGCTGTGG 3552
Db 20 TTCCGCCCGCTGTGG 5

RESULT 2469

US-10-005-956-475

; Sequence 475, Application US/10005956

; Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: Patentin version 3.0

SEQ ID NO 475

LENGTH: 21

TYPE: DNA

ORGANISM: homo sapiens

US-10-005-956-475

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1529 AGTTCTACATGGAT 1544
Db 6 AGTTCTACATGGAT 21

RESULT 2470
US-10-217-335-9/c

; Sequence 9, Application US/10217335

; Publication No. US20030138807A1

GENERAL INFORMATION:

APPLICANT: Clausen, Henrik

TITLE OF INVENTION: UDP-Galactose: beta-D-Galactose-R

FILE REFERENCE: P200000188 WO JNY

CURRENT APPLICATION NUMBER: US/10/217,335

CURRENT FILING DATE: 2002-11-25

PRIOR APPLICATION NUMBER: US 60/182,037

PRIOR FILING DATE: 2000-02-11

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 9

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-217-335-9

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4575 CTGCCCTTTCTCTTG 4590
Db 18 CTGCCCTTTCTCTTG 3

```

RESULT 2471
US-10-418-182-107
; Sequence 107, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-107

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 1.6e+03;
Matches      9; Conservative    10; Mismatches     1; Indels      0; Gaps      0

Cy       4464 TTTTTCCTTTTTTTTTTTTTTTT 4483
           :|::||::: :||::||:|
Db        2 KTKTTTYTWCMCYKTKYTYT 21

RESULT 2472
US-10-418-182-335
; Sequence 335, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 335
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-335

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 1.6e+03;
Matches      9; Conservative    10; Mismatches     1; Indels      0; Gaps      0

Cy       4464 TTTTTCCTTTTTTTTTTTTTTTT 4483
           :|::||::: :||::||:|
Db        2 KTKTTTYTWCMCYKTKYTYT 21

RESULT 2473
US-10-277-216-136/c
; Sequence 136, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216

```

```

; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,557
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-136

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0

OY      6048 GGTTCCTCTCATTGCT 6063
      |||||||
      |||||||CTCTCACTGCT 5

DB      20 GGTTCCTCTCACTGCT 5

RESULT 2474
US-10-452-510-188
; Sequence 188, Application US/10452510
; Publication No. US2004005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-188

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0,

OY      2204 TCTACCGAGATGGGCT 2219
      |||||||
      |||||||

DB      6 TCTACCGAGATGGGAT 21

RESULT 2475
US-10-126-022-136/c
; Sequence 136, Application US/10126022
; Publication No. US2004002315A1
; GENERAL INFORMATION:
; APPLICANT: Keith, Tim
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2

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; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-136
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6048 GGTTCCTCTCATGCT 6063
Db       20 GGTTCTCTCACTGCT 5
```

```
RESULT 2476
US-10-617-070-428/C
; Sequence 428, Application US/10617070
; Publication No. US20040096874A1
; GENERAL INFORMATION:
; APPLICANT: Neville, Malt
; APPLICANT: de Arruda Indig, Monika
; APPLICANT: Cao, Feng
; APPLICANT: Oldenburg, Mary C.
; APPLICANT: Koelbl, Jim C.
; APPLICANT: Alzenstein, Brian D.
; APPLICANT: Davey, Keith
; TITLE OR INVENTION: Characterization of CYP2D6 Genotypes
; FILE REFERENCE: FORS-08195
; CURRENT APPLICATION NUMBER: US/10/617,070
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 10/411,954
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/371,819
; PRIOR FILING DATE: 2002-04-11
; NUMBER OF SEQ ID NOS: 529
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 428
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-617-070-428
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5145 CCTTGGGAGGAGGAG 5160
Db       18 CCTGTGGGAGGAGGAG 3
```

```
RESULT 2477
US-10-605-498-66/C
; Sequence 66, Application US/10605498
; Publication No. US20040127441A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rocchi, Palma
; APPLICANT: Signaevsky, Maxim
; TITLE OR INVENTION: Compositions and Methods for Treatment of Prostate and Other
```

```
; TITLE OR INVENTION: Cancers
; FILE REFERENCE: USC-P-031
; CURRENT APPLICATION NUMBER: US/10/605,498
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: US 60/415,859
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/463,952
; PRIOR FILING DATE: 2003-04-18
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-605-498-66
```

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Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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QY      2061 GGATGCCACCACGAC 2076
Db       17 GGATGCCACCACCTGC 2
```

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RESULT 2478
US-10-745-377-90
; Sequence 90, Application US/10745377
; Publication No. US2004013742A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooke-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OR INVENTION: Compositions and Methods for Modulating
; TITLE OR INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-90
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Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      2204 TCTACCGAGATGGGCT 2219
Db       6 TCTACCGAGATGGGAT 21
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RESULT 2479
US-10-744-465-188
; Sequence 188, Application US/10744465
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/ Publication No. US20040157250A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
/ FILE REFERENCE: 760050-92
/ CURRENT APPLICATION NUMBER: US/10/744,465
/ CURRENT FILING DATE: 2003-12-23
/ PRIOR APPLICATION NUMBER: 10/617,334
/ PRIOR FILING DATE: 2003-07-10
/ PRIOR APPLICATION NUMBER: US 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1998-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1998-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 188
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-744-465-188.

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TTTACCGAGATGGGT 2219
Db 6 TTTACCGAGATGGGT 21

RESULT 2480
US-10-731-739-401/c
/ Sequence 401, Application US/10731739
/ Publication No. US20040176582A1
/ GENERAL INFORMATION:
/ APPLICANT: Canilli, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Recker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/10/731,739
/ CURRENT FILING DATE: 2003-12-10
/ PRIOR APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 401
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-731-739-401

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4427 GGTTCACCTAGAGGC 4442
Db 6 GGTTCACCTAGAGGC 4442
```

```
Db 16 GGTTCACCTAGAGC 1

RESULT 2481
US-10-833-679-188
/ Sequence 188, Application US/10833679
/ Publication No. US20040185508A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
/ FILE REFERENCE: 760050-135
/ CURRENT APPLICATION NUMBER: US/10/833,679
/ CURRENT FILING DATE: 2004-04-28
/ PRIOR APPLICATION NUMBER: 10/452,510
/ PRIOR FILING DATE: 2003-06-02
/ PRIOR APPLICATION NUMBER: 10/617,334
/ PRIOR FILING DATE: 2003-07-10
/ PRIOR APPLICATION NUMBER: 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: PatentIn 3.0
/ SEQ ID NO 188
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-833-679-188

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TTTACCGAGATGGGT 2219
Db 6 TTTACCGAGATGGGT 21

RESULT 2482
US-09-810-993-35
/ Sequence 35, Application US/09810993
/ Patent No. US20020098488A1
/ GENERAL INFORMATION:
/ APPLICANT: Gilad, Shlomit
/ APPLICANT: Skallier, Rami
/ TITLE OF INVENTION: ATM MUTATIONS IN BREAST CANCER
/ FILE REFERENCE: 65504-A
/ CURRENT APPLICATION NUMBER: US/09/810,993
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: 60/189,761
/ PRIOR FILING DATE: 2000-03-16
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-810-993-35

Query Match          0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 5844 TGCATGATCCACTG 5859
Db 7 TGCATGATCCACTG 22

RESULT 2483
US-09-964-261-9/c
; Sequence 9, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGI-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-9

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGACCCCGACGCT 2732
Db 18 GCGGACCCCGACGCT 1

RESULT 2484
US-09-964-261-86
; Sequence 86, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGI-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-86

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

RESULT 2485
US-09-862-660-14/c

; Sequence 14, Application US/09862660
; Publication No. US2003003562A1
; GENERAL INFORMATION:
; APPLICANT: Russell, William
; APPLICANT: Klaenhammer, Todd
; TITLE OF INVENTION: LACTOBACILLUS BETA-GLUCURONIDASE AND DNA ENCODING THE SAME
; FILE REFERENCE: 5051.514
; CURRENT APPLICATION NUMBER: US/09/862,660
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/206,372
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: Synthetic Oligonucleotide Primer - GUS-1R.
US-09-862-660-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 747 CTTCTTCTCACCCT 762
Db 16 CTTCTTCTCACCCT 1

RESULT 2486
US-09-988-626-198/c
; Sequence 198, Application US/09988626
; Publication No. US20030044959A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,626
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 198
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-626-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5641 TGGGAGACCCCGACCTC 5658
Db 18 TGGGAGACCCCGACCTC 1

RESULT 2487
US-09-988-687-198/c
; Sequence 198, Application US/09988687

Publication No. US20030045704A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-linked Prostate Cancer Susceptibility
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/988,687
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/564,805
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 198
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-988-687-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 5641 TGGGGAGCCCCAGCCTC 5658
Db 18 TGTGGAGSCCAAGCCTC 1

RESULT 2488
US-09-988-686-198/c
Sequence 198, Application US/09988686
Publication No. US20030120052A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-linked Prostate Cancer Susceptibility
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/988,686
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/564,805
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 198
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-988-686-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 5641 TGGGGAGCCCCAGCCTC 5658
Db 18 TGTGGAGSCCAAGCCTC 1

RESULT 2489
US-10-677-943-16
Sequence 16, Application US/10677943
Publication No. US20040072297A1
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America as
APPLICANT: represented by the Secretary of the Department of Health and
APPLICANT: Human Services
APPLICANT: Nelson, Lawrence
APPLICANT: Tong, Zhi-Bin
TITLE OF INVENTION: Human Gene Critical to Fertility
FILE REFERENCE: 4239-64790
CURRENT APPLICATION NUMBER: US/10/677,943
CURRENT FILING DATE: 2003-10-01
PRIOR APPLICATION NUMBER: 60/241,510
PRIOR FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: PCT/US02/09776
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: PCT/US01/10981
PRIOR FILING DATE: 2001-04-04
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 16
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-677-943-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4739 AGCTGAGCAAGAGG 4754
Db 1 AGCTGAGCAAGAGG 16

RESULT 2490
US-10-399-443-16
Sequence 16, Application US/10399443
Publication No. US20040028669A1
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as Represented by the
APPLICANT: Secretary, Department of Health & Human Services, The National Institute
APPLICANT: Health
APPLICANT: Nelson, Lawrence M.
APPLICANT: Tong, Zhi-Bin
APPLICANT: Nelson, Lawrence
APPLICANT: Zhi-Bin, Tong
TITLE OF INVENTION: Human Gene Critical to Fertility
FILE REFERENCE: 4239-64785
CURRENT APPLICATION NUMBER: US/10/399,443
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/241,510
PRIOR FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: PCT/US01/10981
PRIOR FILING DATE: 2001-04-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 16
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-399-443-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4739 ACCTGAGAGAGAGG 4754
Db 1 ACCTGAGAGAGAGG 16
RESULT 2491
US-10-092-900A-605
; Sequence 605, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh B.
; APPLICANT: Patnurajan, Meera
; APPLICANT: Gangoli, Esna A.
; APPLICANT: Verneet, Corine A.M.
; APPLICANT: Guo, Xiaojia Saasha
; APPLICANT: Tchenev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderma, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 605
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer

US-10-092-900A-605
Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6234 GCACGTGTTCTTGATT 6249
Db 6 GCACGTGTTCTTGACT 21
RESULT 2492
US-09-727-030C-8/c
; Sequence 8, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:
; APPLICANT: Gilles, Patrick N.
; APPLICANT: Dillon, Patrick J.
; APPLICANT: Wu, David J.
; APPLICANT: Foster, Charles B.
; APPLICANT: Chanock, Stephen J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
; FILE REFERENCE: 259/163-US
; CURRENT APPLICATION NUMBER: US/09/727,030C
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/126,865
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MBP probe
US-09-727-030C-8
Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3931 CTTTCTCCCTTGATG 3946
Db 22 CTTTCTCCCTTGATG 7
RESULT 2493
US-09-727-030C-9/c
; Sequence 9, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:
; APPLICANT: Gilles, Patrick N.
; APPLICANT: Dillon, Patrick J.
; APPLICANT: Wu, David J.
; APPLICANT: Foster, Charles B.
; APPLICANT: Chanock, Stephen J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
; FILE REFERENCE: 259/163-US
; CURRENT APPLICATION NUMBER: US/09/727,030C
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/126,865
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MBP probe
US-09-727-030C-9

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946
|||||
DB 22 CTTTCTCCCTTGATG 7

RESULT 2494

US-09-727-030C-10/c
; Sequence 10, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:

APPLICANT: Gillies, Patrick N.
APPLICANT: Dillon, Patrick J.
APPLICANT: Wu, David J.
APPLICANT: Foster, Charles B.
APPLICANT: Chanock, Stephen J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
TITLE OF INVENTION: BLOT ASSAY ON SEMICONDUCTOR MICROCHIPS
FILE REFERENCE: 259/163-US
CURRENT APPLICATION NUMBER: US/09/727,030C
CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 60/126,865
PRIOR FILING DATE: 1999-03-30
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.2
SEQ ID NO 10
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MBP probe
US-09-727-030C-10

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946
|||||
DB 22 CTTTCTCCCTTGATG 7

RESULT 2495

US-09-727-030C-12/c
; Sequence 12, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:

APPLICANT: Gillies, Patrick N.
APPLICANT: Dillon, Patrick J.
APPLICANT: Wu, David J.
APPLICANT: Foster, Charles B.
APPLICANT: Chanock, Stephen J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
TITLE OF INVENTION: BLOT ASSAY ON SEMICONDUCTOR MICROCHIPS
FILE REFERENCE: 259/163-US
CURRENT APPLICATION NUMBER: US/09/727,030C
CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 60/126,865
PRIOR FILING DATE: 1999-03-30
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MBP probe
US-09-727-030C-12

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946
|||||
DB 22 CTTTCTCCCTTGATG 7

RESULT 2496

US-10-147-299A-14
; Sequence 14, Application US/10147299A
; Publication No. US20040058323A1
; GENERAL INFORMATION:

APPLICANT: KO, ALBERT I.
APPLICANT: HAKE, DAVID A.
APPLICANT: REIS, MITERMAIER GALVAO
APPLICANT: MATSUNAGA, JAMES
APPLICANT: CRODA, JULIO HENRIQUE ROSA
APPLICANT: SIQUEIRA, ISADORA CRISTINA
APPLICANT: RILEY, LEE W.
APPLICANT: BAROCCHI, MICHELE
APPLICANT: YOUNG, TRACY ANN
TITLE OF INVENTION: PROTEINS WITH REPETITIVE BACTERIAL-IG-LIKE (BIG)
TITLE OF INVENTION: DOMAINS PRESENT IN LEPTOSPIRA SPECIES
FILE REFERENCE: 3673-19
CURRENT APPLICATION NUMBER: US/10/147,299A
CURRENT FILING DATE: 2002-05-17
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-147-299A-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 GGAGATTTCACAGA 1646
|||||
DB 4 GGAGATTTCACAGA 19

RESULT 2497

US-10-261-382-16
; Sequence 16, Application US/10261382
; Publication No. US20040063618A1
; GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Peptide Nucleic Acids Having Improved Uptake And Tissue
TITLE OF INVENTION: Distribution
FILE REFERENCE: ISIS-5078
CURRENT APPLICATION NUMBER: US/10/261,382
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.2
SEQ ID NO 16
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-261-382-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2766 GCGCACCATTACTTC 2781
Db 3 GCGCACCATTCTTC 18

RESULT 2498

US-09-727-100-19/c
; Sequence 19, Application US/09727100
; Publication No. US20030018165A1
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: NEW USES OF SUPPRESSIVE MACROPHAGE ACTIVATION FACTORS.
; FILE REFERENCE: EP99.109.SMAF
; CURRENT FILING DATE: US/09/727.100
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-727-100-19

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 682 GTGCAGCCCTGGATG 697
Db 22 GAGCAGCCCTGGATG 7

RESULT 2499

US-10-027-632-176870
; Sequence 176870, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176870
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176870

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3894 CTGAGTTACTTTCAT 3909
Db 1 CTGAGTTACTTTCAT 16

RESULT 2500
US-10-027-632-176870
; Sequence 176870, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176870
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176870

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3894 CTGAGTTACTTTCAT 3909
Db 1 CTGAGTTACTTTCAT 16

RESULT 2501
US-10-442-538-5/c
; Sequence 5, Application US/10442538
; Publication No. US20030224491A1
; GENERAL INFORMATION:
; APPLICANT: F. Hoffmann-La Roche AG
; TITLE OF INVENTION: CONTINUOUS FERMENTATION PROCESS
; FILE REFERENCE: C38435/111692
; CURRENT APPLICATION NUMBER: US/10/442.538
; CURRENT FILING DATE: 2003-05-20
; PRIOR APPLICATION NUMBER: US/09/684,855
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: EP 00121663.9
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: EP 99120289.6
; PRIOR FILING DATE: 1999-10-11
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
US-10-442-538-5

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7320 GTTGTGTCCTGCTT 7335
|||||
DB 22 GTTGTGTCCTGCTT 7

RESULT 2502
US-10-278-047-3
; Sequence 3, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
; FILE REFERENCE: PRO.07
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Probe
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
US-10-278-047-3

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 TCTACAGTCCACCG 2180
|||||
DB 7 TCTACAGTCCACCG 22

RESULT 2503
US-10-251-210-35
; Sequence 35, Application US/10251210
; Publication No. US20030162195A1
; GENERAL INFORMATION:
; APPLICANT: Gila, Shlomit
; APPLICANT: Yahalom, Joachim
; TITLE OF INVENTION: PREDICTION OF CANCER BY DETECTION OF ATM MUTATIONS
; FILE REFERENCE: 65894-A
; CURRENT APPLICATION NUMBER: US/10/251,210
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 60/323,766
; PRIOR FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-251-210-35

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5844 TGCATGATCCCATG 5859
|||||
DB 7 TGCATGATCCCATG 22

RESULT 2504
US-10-315-317-14/c
; Sequence 14, Application US/10315317
; Publication No. US20040011944A1
; GENERAL INFORMATION:
; APPLICANT: LEM, Paul
; APPLICANT: SPIEGELMAN, Jamie
; TITLE OF INVENTION: A METHOD FOR THE DETECTION OF MULTIPLE GENETIC TARGETS
; FILE REFERENCE: 9-14723-305
; CURRENT APPLICATION NUMBER: US/10/315,317
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 60/
; PRIOR FILING DATE: 2002-11-01
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Staphylococcus aureus hld gene right primer
US-10-315-317-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2388 TGTACATCCGAGCT 2403
|||||
DB 21 TGTACATCCGAGCT 6

RESULT 2505
US-10-673-935-14/c
; Sequence 14, Application US/10673935
; Publication No. US20040091922A1
; GENERAL INFORMATION:
; APPLICANT: Russell, William
; APPLICANT: Klaehammer, Todd
; TITLE OF INVENTION: LACTOBACILLUS BETA-GLUCURONIDASE AND DNA ENCODING THE SAME
; FILE REFERENCE: 5051.514DV
; CURRENT APPLICATION NUMBER: US/10/673,935
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 09/862,660
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/206372
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer - GUS-1R
US-10-673-935-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 747 CTTCTTCACCGCT 762
|||||
DB 16 CTTCTTCACCGCT 1

RESULT 2506
US-10-315-217-14/c
; Sequence 14, Application US/10315217
; Publication No. US20040110138A1
; GENERAL INFORMATION:
; APPLICANT: LEM, Paul

APPLICANT: SPIEGELMAN, Jamie
TITLE OF INVENTION: A METHOD FOR THE DETECTION OF MULTIPLE GENETIC TARGETS
FILE REFERENCE: 9-14723-US
CURRENT APPLICATION NUMBER: US/10/315,217
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 2002-11-01
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Staphylococcus aureus hld gene right primer
US-10-315-217-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2388 TGGTAACATCCAGCT 2403
Db 21 TGGTAACATCCAGCT 6

RESULT 2507
US-10-695-584A-20
Sequence 20, Application US/10695584A
Publication No. US2004017115A1
GENERAL INFORMATION:
APPLICANT: FENG, YIQING
BAUM, CHARLES M
CAPARON, MAIRE H
ZURFLUH, LINDA L
KLEIN, BARBARA K
MCWERTER, CHARLES A
STATEN, NICHOLAS R
SUMMERS, NEENA L
BAUER, S C
LEE, STEPHEN C
TITLE OF INVENTION: MULTI-FUNCTIONAL HEMATOPOIETIC
FUSION PROTEINS BETWEEN SEQUENCE REARRANGED
G-CSF RECEPTOR AGONISTS AND OTHER
HEMATOPOIETIC FACTORS
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAROL M. NIELSEN, GARDERE WYNNE SEWELL, LLP
STREET: 1000 LOUISIANA, SUITE 3400
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77002-5007
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/695,584A
FILING DATE: 27-Oct-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/510,238
FILING DATE: 22-FEB-2002
APPLICATION NUMBER: US 08/835,162
FILING DATE: 04-APR-1997
APPLICATION NUMBER: WO PCT/US 96/15774
FILING DATE: 06-OCT-1996
APPLICATION NUMBER: US 60/004,834
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: NIELSEN, CAROL M

REGISTRATION NUMBER: 37,676
REFERENCE/DOCKET NUMBER: 2910/3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-276-5383
TELEFAX: 713-276-5383
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA (synthetic)"
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-695-584A-20

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 51 CGGCGGCAAGCGGC 66
Db 5 CGGCGGCAAGCGGC 20

RESULT 2508
US-10-695-584A-21/C
Sequence 21, Application US/10695584A
Publication No. US2004017115A1
GENERAL INFORMATION:
APPLICANT: FENG, YIQING
BAUM, CHARLES M
CAPARON, MAIRE H
ZURFLUH, LINDA L
KLEIN, BARBARA K
MCWERTER, CHARLES A
STATEN, NICHOLAS R
SUMMERS, NEENA L
BAUER, S C
LEE, STEPHEN C
TITLE OF INVENTION: MULTI-FUNCTIONAL HEMATOPOIETIC
FUSION PROTEINS BETWEEN SEQUENCE REARRANGED
G-CSF RECEPTOR AGONISTS AND OTHER
HEMATOPOIETIC FACTORS
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAROL M. NIELSEN, GARDERE WYNNE SEWELL, LLP
STREET: 1000 LOUISIANA, SUITE 3400
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77002-5007
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/695,584A
FILING DATE: 27-Oct-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/510,238
FILING DATE: 22-FEB-2002
APPLICATION NUMBER: US 08/835,162
FILING DATE: 04-APR-1997
APPLICATION NUMBER: WO PCT/US 96/15774
FILING DATE: 06-OCT-1996
APPLICATION NUMBER: US 60/004,834
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: NIELSEN, CAROL M
REGISTRATION NUMBER: 37,676

REFERENCE/DOCKET NUMBER: 2910/3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-276-5383
TELEFAX: 713-276-5383
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA (synthetic)"
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-695-584A-21

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 51 CGCGGCAACGGAGGC 66
|||
Db 22 CGCGGCAACGGAGGC 7

Search completed: October 14, 2004, 13:03:28
Job time : 224 secs

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OM nucleic - nucleic search, using sw model

Run on: October 14, 2004, 13:09:50 ; Search time 158 Seconds
(without alignments)
3.673 Million cell updates/sec

Title: US-10-007-078-3
Perfect score: 7478
Sequence: 1 actgagcagctggcgagcgac.....acagtgccttctatctctaa 7478

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 1746 seqs, 38808 residues
Total number of hits satisfying chosen parameters: 3492

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1756 summaries

Database : rec3.seq:*

Prod. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	36.8	0.5	42	1	ACCESSTION: A2770047
2	34.8	0.5	50	1	ACCESSTION: A2473583
3	27.8	0.4	35	1	ACCESSTION: A2861400
4	25.4	0.3	39	1	ACCESSTION: A2987023
5	25.2	0.3	38	1	ACCESSTION: A2464808P
6	24.4	0.3	27	1	ACCESSTION: A2404206
7	24.2	0.3	35	1	ACCESSTION: CF310898
8	24.2	0.3	37	1	ACCESSTION: BX553095
9	24.2	0.3	37	1	ACCESSTION: BX567522
10	24	0.3	32	1	ACCESSTION: AL754326
11	24	0.3	34	1	ACCESSTION: AL977460
12	24	0.3	35	1	ACCESSTION: BX556508
13	23.8	0.3	34	1	ACCESSTION: AL047464
14	23.6	0.3	32	1	ACCESSTION: AL588429
15	23.6	0.3	34	1	ACCESSTION: CF328492
16	23.4	0.3	26	1	ACCESSTION: A2485624
17	23.4	0.3	28	1	ACCESSTION: TS2836
18	23.4	0.3	28	1	ACCESSTION: A2514352
19	23.4	0.3	30	1	ACCESSTION: A2458127
20	23.4	0.3	33	1	ACCESSTION: BX564081
21	23.4	0.3	33	1	ACCESSTION: CF334899
22	23.4	0.3	33	1	ACCESSTION: TA356C09P
23	23.4	0.3	34	1	ACCESSTION: AL977114
24	23.2	0.3	32	1	ACCESSTION: AL980969
25	23	0.3	24	1	ACCESSTION: CA853459
26	23	0.3	25	1	ACCESSTION: A2779573
27	23	0.3	32	1	ACCESSTION: AL048782
28	22.8	0.3	28	1	ACCESSTION: CF332296
29	22.8	0.3	28	1	ACCESSTION: AA852828
30	22.8	0.3	28	1	ACCESSTION: AL048439
31	22.8	0.3	28	1	ACCESSTION: CF322082
32	22.8	0.3	29	1	ACCESSTION: BO590537
33	22.8	0.3	30	1	ACCESSTION: T67079
34	22.8	0.3	30	1	ACCESSTION: BG865511

C 107	21.8	0.3	26	1	AZ652515	ACCESSION:AZ652515	180	21.8	0.3	31	1	AZ333315	ACCESSION:AZ333315
C 108	21.8	0.3	26	1	AZ800453	ACCESSION:AZ800453	C 181	21.8	0.3	31	1	AZ375973	ACCESSION:AZ375973
C 109	21.8	0.3	26	1	AZ963974	ACCESSION:AZ963974	C 182	21.8	0.3	31	1	AZ510092	ACCESSION:AZ510092
C 110	21.8	0.3	26	1	TA324D07P	ACCESSION:TA324D07P	C 183	21.8	0.3	31	1	AZ623538	ACCESSION:AZ623538
C 111	21.8	0.3	27	1	AM327923	ACCESSION:AM327923	C 184	21.8	0.3	31	1	AZ627692	ACCESSION:AZ627692
C 112	21.8	0.3	27	1	CF291968	ACCESSION:CF291968	C 185	21.8	0.3	31	1	AZ778697	ACCESSION:AZ778697
C 113	21.8	0.3	27	1	CF299084	ACCESSION:CF299084	C 186	21.8	0.3	31	1	AZ821215	ACCESSION:AZ821215
C 114	21.8	0.3	27	1	CF329725	ACCESSION:CF329725	C 187	21.8	0.3	31	1	AZ826618	ACCESSION:AZ826618
C 115	21.8	0.3	27	1	CF330557	ACCESSION:CF330557	C 188	21.8	0.3	31	1	TA244G08P	ACCESSION:TA244G08P
C 116	21.8	0.3	27	1	CF335229	ACCESSION:CF335229	C 189	21.8	0.3	32	1	AM327277	ACCESSION:AM327277
C 117	21.8	0.3	27	1	N29432	ACCESSION:N29432	C 190	21.8	0.3	32	1	BG501238	ACCESSION:BG501238
C 118	21.8	0.3	27	1	N52529	ACCESSION:N52529	C 191	21.8	0.3	32	1	CF291773	ACCESSION:CF291773
C 119	21.8	0.3	27	1	N89936	ACCESSION:N89936	C 192	21.8	0.3	32	1	CF299386	ACCESSION:CF299386
C 120	21.8	0.3	27	1	AZ344642	ACCESSION:AZ344642	C 193	21.8	0.3	32	1	CF309233	ACCESSION:CF309233
C 121	21.8	0.3	27	1	AZ401672	ACCESSION:AZ401672	C 194	21.8	0.3	32	1	CF309345	ACCESSION:CF309345
C 122	21.8	0.3	27	1	AZ486791	ACCESSION:AZ486791	C 195	21.8	0.3	32	1	CF313717	ACCESSION:CF313717
C 123	21.8	0.3	27	1	AZ511894	ACCESSION:AZ511894	C 196	21.8	0.3	32	1	CF318239	ACCESSION:CF318239
C 124	21.8	0.3	27	1	AZ580921	ACCESSION:AZ580921	C 197	21.8	0.3	32	1	CF321046	ACCESSION:CF321046
C 125	21.8	0.3	27	1	AZ616094	ACCESSION:AZ616094	C 198	21.8	0.3	32	1	CF328471	ACCESSION:CF328471
C 126	21.8	0.3	27	1	AZ623186	ACCESSION:AZ623186	C 199	21.8	0.3	32	1	CF331270	ACCESSION:CF331270
C 127	21.8	0.3	27	1	AZ627847	ACCESSION:AZ627847	C 200	21.8	0.3	32	1	AZ459536	ACCESSION:AZ459536
C 128	21.8	0.3	27	1	AZ809295	ACCESSION:AZ809295	C 201	21.8	0.3	32	1	AZ470832	ACCESSION:AZ470832
C 129	21.8	0.3	27	1	AZ862643	ACCESSION:AZ862643	C 202	21.8	0.3	32	1	AZ611890	ACCESSION:AZ611890
C 130	21.8	0.3	27	1	AZ970621	ACCESSION:AZ970621	C 203	21.8	0.3	32	1	AZ778018	ACCESSION:AZ778018
C 131	21.8	0.3	27	1	TA355B06P	ACCESSION:TA355B06P	C 204	21.8	0.3	32	1	DR85L21T	ACCESSION:DR85L21T
C 132	21.8	0.3	28	1	CF282351	ACCESSION:CF282351	C 205	21.8	0.3	33	1	BU431798	ACCESSION:BU431798
C 133	21.8	0.3	28	1	CF321885	ACCESSION:CF321885	C 206	21.8	0.3	33	1	BX558128	ACCESSION:BX558128
C 134	21.8	0.3	28	1	CF330748	ACCESSION:CF330748	C 207	21.8	0.3	33	1	CF291613	ACCESSION:CF291613
C 135	21.8	0.3	28	1	CF330938	ACCESSION:CF330938	C 208	21.8	0.3	33	1	CF311229	ACCESSION:CF311229
C 136	21.8	0.3	28	1	AZ399637	ACCESSION:AZ399637	C 209	21.8	0.3	33	1	CF326967	ACCESSION:CF326967
C 137	21.8	0.3	28	1	AZ401766	ACCESSION:AZ401766	C 210	21.8	0.3	33	1	CF328313	ACCESSION:CF328313
C 138	21.8	0.3	28	1	AZ471744	ACCESSION:AZ471744	C 211	21.8	0.3	33	1	CF336752	ACCESSION:CF336752
C 139	21.8	0.3	28	1	AZ481286	ACCESSION:AZ481286	C 212	21.8	0.3	33	1	CF337105	ACCESSION:CF337105
C 140	21.8	0.3	28	1	AZ493138	ACCESSION:AZ493138	C 213	21.8	0.3	33	1	AZ486795	ACCESSION:AZ486795
C 141	21.8	0.3	28	1	AZ653365	ACCESSION:AZ653365	C 214	21.8	0.3	33	1	AZ627839	ACCESSION:AZ627839
C 142	21.8	0.3	28	1	AZ785035	ACCESSION:AZ785035	C 215	21.6	0.3	29	1	AZ492630	ACCESSION:AZ492630
C 143	21.8	0.3	28	1	AZ824519	ACCESSION:AZ824519	C 216	21.6	0.3	33	1	AV743346	ACCESSION:AV743346
C 144	21.8	0.3	28	1	AZ824574	ACCESSION:AZ824574	C 217	21.4	0.3	23	1	AZ425710	ACCESSION:AZ425710
C 145	21.8	0.3	28	1	AZ831425	ACCESSION:AZ831425	C 218	21.4	0.3	24	1	AL048765	ACCESSION:AL048765
C 146	21.8	0.3	28	1	AZ866569	ACCESSION:AZ866569	C 219	21.4	0.3	24	1	AZ812579	ACCESSION:AZ812579
C 147	21.8	0.3	28	1	TA291A01P	ACCESSION:TA291A01P	C 220	21.4	0.3	25	1	CF301712	ACCESSION:CF301712
C 148	21.8	0.3	28	1	TA379D11P	ACCESSION:TA379D11P	C 221	21.4	0.3	25	1	AZ832800	ACCESSION:AZ832800
C 149	21.8	0.3	29	1	CF279536	ACCESSION:CF279536	C 222	21.4	0.3	27	1	R31539	ACCESSION:R31539
C 150	21.8	0.3	29	1	CF299920	ACCESSION:CF299920	C 223	21.4	0.3	27	1	R59382	ACCESSION:R59382
C 151	21.8	0.3	29	1	CF312601	ACCESSION:CF312601	C 224	21.4	0.3	27	1	AZ941721	ACCESSION:AZ941721
C 152	21.8	0.3	29	1	AZ389566	ACCESSION:AZ389566	C 225	21.4	0.3	28	1	AL587582	ACCESSION:AL587582
C 153	21.8	0.3	29	1	AZ414283	ACCESSION:AZ414283	C 226	21.4	0.3	30	1	AL048684	ACCESSION:AL048684
C 154	21.8	0.3	29	1	AZ451930	ACCESSION:AZ451930	C 227	21.4	0.3	31	1	AL048732	ACCESSION:AL048732
C 155	21.8	0.3	29	1	AZ468402	ACCESSION:AZ468402	C 228	21.4	0.3	31	1	AV966771	ACCESSION:AV966771
C 156	21.8	0.3	29	1	AZ486793	ACCESSION:AZ486793	C 229	21.4	0.3	31	1	BX557762	ACCESSION:BX557762
C 157	21.8	0.3	29	1	AZ661709	ACCESSION:AZ661709	C 230	21.4	0.3	32	1	AM250841	ACCESSION:AM250841
C 158	21.8	0.3	29	1	AZ784208	ACCESSION:AZ784208	C 231	21.4	0.3	32	1	CF279813	ACCESSION:CF279813
C 159	21.8	0.3	29	1	AZ806470	ACCESSION:AZ806470	C 232	21.2	0.3	27	1	BQ591183	ACCESSION:BQ591183
C 160	21.8	0.3	29	1	AZ812242	ACCESSION:AZ812242	C 233	21.2	0.3	28	1	AZ358038	ACCESSION:AZ358038
C 161	21.8	0.3	29	1	AZ868731	ACCESSION:AZ868731	C 234	21.2	0.3	28	1	AZ809971	ACCESSION:AZ809971
C 162	21.8	0.3	29	1	TA334G09Q	ACCESSION:TA334G09Q	C 235	21.2	0.3	31	1	AV959965	ACCESSION:AV959965
C 163	21.8	0.3	30	1	BG66435	ACCESSION:BG66435	C 236	21.2	0.3	31	1	AX551460	ACCESSION:AX551460
C 164	21.8	0.3	30	1	CF280699	ACCESSION:CF280699	C 237	21.2	0.3	32	1	AX551194	ACCESSION:AX551194
C 165	21.8	0.3	30	1	CF292086	ACCESSION:CF292086	C 238	21.2	0.3	32	1	AX555194	ACCESSION:AX555194
C 166	21.8	0.3	30	1	CF299555	ACCESSION:CF299555	C 239	21.2	0.3	32	1	AX555533	ACCESSION:AX555533
C 167	21.8	0.3	30	1	CF312417	ACCESSION:CF312417	C 240	21.2	0.3	32	1	AX558102	ACCESSION:AX558102
C 168	21.8	0.3	30	1	CF323226	ACCESSION:CF323226	C 241	21.2	0.3	32	1	AX560723	ACCESSION:AX560723
C 169	21.8	0.3	30	1	CF327835	ACCESSION:CF327835	C 242	21.2	0.3	32	1	AX564047	ACCESSION:AX564047
C 170	21.8	0.3	30	1	CF336555	ACCESSION:CF336555	C 243	21.2	0.3	32	1	AZ326012	ACCESSION:AZ326012
C 171	21.8	0.3	30	1	AZ437603	ACCESSION:AZ437603	C 244	21.2	0.3	21	1	CF311914	ACCESSION:CF311914
C 172	21.8	0.3	30	1	AZ443322	ACCESSION:AZ443322	C 245	21.2	0.3	21	1	CF318152	ACCESSION:CF318152
C 173	21.8	0.3	30	1	AZ455741	ACCESSION:AZ455741	C 246	21.2	0.3	22	1	AZ792613	ACCESSION:AZ792613
C 174	21.8	0.3	30	1	AZ481739	ACCESSION:AZ481739	C 247	21.2	0.3	22	1	AZ304806	ACCESSION:AZ304806
C 175	21.8	0.3	30	1	AZ582114	ACCESSION:AZ582114	C 248	21.2	0.3	22	1	AZ505769	ACCESSION:AZ505769
C 176	21.8	0.3	31	1	AM249485	ACCESSION:AM249485	C 249	21.2	0.3	22	1	AZ823875	ACCESSION:AZ823875
C 177	21.8	0.3	31	1	BX569502	ACCESSION:BX569502	C 250	21.2	0.3	22	1	BH000233	ACCESSION:BH000233
C 178	21.8	0.3	31	1	CF278807	ACCESSION:CF278807	C 251	21.2	0.3	23	1	AZ315640	ACCESSION:AZ315640
C 179	21.8	0.3	31	1	CF300345	ACCESSION:CF300345	C 252	21.2	0.3	24	1	CF326993	ACCESSION:CF326993